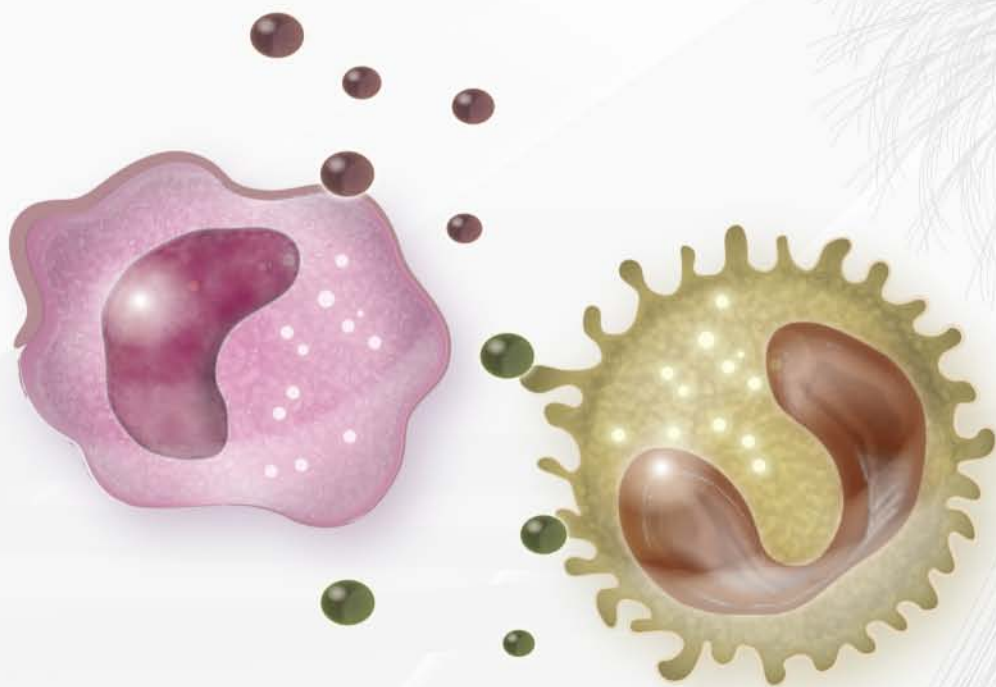


Cytokines



Antibodies and Proteins

Quality Antibodies
Quality Results



ANTIBODIES



The Company

GeneTex produces high quality antibodies validated through extensive research, development, and testing. Our staff and researchers have collectively earned a trusted reputation from the research community for the quality and reliability of our antibodies. The secret to our success is the complementation of scientific expertise and production mastery in our state-of-the-art laboratory and animal facility.

Our facility provides large-scale antibody production capabilities, which employ highly specific antigen affinity purification. This has facilitated the establishment of a comprehensive antibody collection covering a wide spectrum of research fields.

Because of GeneTex's extensive experience in antibody manufacturing, we are uniquely able to serve the demands of the scientific community by providing accurate technical support and reliable customer service.



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Application Key

Blocking – Blocking
Dot – Dot blot
ELISA – Enzyme-linked immunosorbent assay
EIA – Enzyme immunoassay
ELISPOT – Enzyme-linked immunospot assay
FACS – Fluorescence-activated cell sorting
FuncS – Functional studies
IA – Immunoassay
I-ELISA – Indirect Enzyme-linked immunosorbent assay
Inhib – Inhibition assay
ICC/IF – Immunocytochemistry / Immunofluorescence
IHC – Immunohistochemistry
IHC-Fr – Immunohistochemistry frozen sections
IHC-P – Immunohistochemistry paraffin-embedded sections
IP – Immunoprecipitation
Neut – Neutralizing
Puri – Purification
RIA – Radioimmunoassay
WB – Western Blot

Host & Reactivity Key

Bb – Baboon
Cat – Cat
Cow – Cow
Dog – Dog
Gt – Goat
Hu – Human
Mk – Monkey
Ms – Mouse
Pig – Pig
Rat – Rat
Rb – Rabbit

Cytokines

Cytokines are soluble extracellular proteins that act as key modulators of both innate and adaptive immune responses. They are composed of two major subfamilies: chemokines and interleukins which act as chemotactic cytokines and mediators of leukocyte communication, respectively. Cytokines are released by leukocytes in response to stimuli and regulate many biological processes, including cell activation, cell migration, cell proliferation, cell death, differentiation, angiogenesis and development.

Chemokines

Chemokines are a family of cytokines that have the ability to induce directed chemotaxis in nearby cells. Homeostatic chemokines are involved in controlling the migration of cells during tissue maintenance and development. These chemokines also participate in immune surveillance by directing lymphocytes to the lymph nodes. Pro-inflammatory chemokines are induced by an immune response and recruit immune cells to sites of infection. Their release is stimulated by cytokines in response to bacterial infections, viruses and/or physically damaging agents.

Chemokines can be divided into four classes based on the arrangement of the conserved cysteine residues in the mature proteins. Members of the CC group, which contain two adjacent cysteines near the amino terminus, induce the migration of monocytes, as well as NK cells and dendritic cells. The CXC group contains two N-terminal cysteines separated by a single amino acid and is involved in the migration of neutrophils and lymphocytes. C chemokines, the third group, contain one N-terminal cysteine and one downstream cysteine. Members of this group attract T cell precursors to the thymus. The final group, CX3C chemokines, contain two cysteines separated by three amino acids and serve as adhesion molecules.

Active CXCL proteins for Blocking, ELISA, FuncS and Puri

Protein	Cat. No.	Species
CXCL1 / GRO α	GTx48439-PRO	Hu
	GTx48313-PRO	Ms
	GTx47978-PRO	Rat
CXCL2 / GRO β	GTx48438-PRO	Hu
	GTx48288-PRO	Ms
	GTx47975-PRO	Rat
CXCL3 / GRO γ	GTx48437-PRO	Hu
CXCL4 / PF4	GTx48162-PRO	Hu
	GTx47996-PRO	Ms
CXCL5 / ENA-78 / LIX	GTx48361-PRO	Hu
	GTx48051-PRO	Ms
CXCL6 / GCP-2	GTx48141-PRO	Hu
CXCL7 / NAP2	GTx48173-PRO	Hu
CXCL8	See IL-8 proteins in page 09	
CXCL9 / MIG	GTx48398-PRO	Hu
	GTx48061-PRO	Ms
	GTx48407-PRO	Hu
CXCL10 / IP10	GTx48312-PRO	Ms
	GTx47966-PRO	Rat

Protein	Cat. No.	Species
CXCL11 / I-TAC	GTx48362-PRO	Hu
	GTx47999-PRO	Ms
CXCL12 / SDF1 α	GTx48356-PRO	Hu
	GTx48287-PRO	Ms
	GTx48038-PRO	Rat
CXCL12 / SDF1 β	GTx48355-PRO	Hu
	GTx48286-PRO	Ms
	GTx48031-PRO	Rat
CXCL13 / BLC	GTx48076-PRO	Hu
	GTx48000-PRO	Ms
CXCL14 / BRAK	GTx48087-PRO	Hu
CXCL15 / Lungkine	GTx48053-PRO	Ms
CXCL16	GTx47990-PRO	Hu
	GTx47985-PRO	Ms

CXCL antibodies

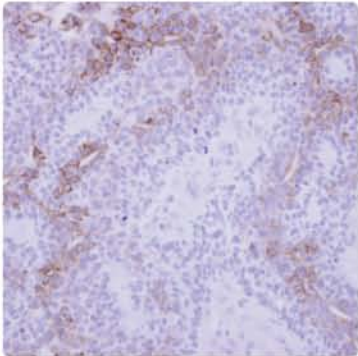
Antibody Target	Cat. No.	Host & Clonality	Clone No. (Isotype)	Reactivity	Application
CXCL1 / GRO α	GTX108435	Rb pAb		Hu	WB
	GTX74108	Rb pAb		Ms, Rat	IP, WB
	GTX10376	Gt pAb		Hu	ELISA, WB
CXCL2 / GRO β / MIP-2	GTX29777	Rb pAb		Ms, Rat	IP, WB
	GTX10387	Gt pAb		Ms	ELISA, Neut, WB
	GTX88379	Gt pAb		Hu	ELISA, WB
CXCL3 / GRO γ	GTX77678	Rb pAb		Hu	WB
	GTX10367	Gt pAb		Rat	ELISA, WB
CXCL5 / LIX	GTX29983	Rb pAb		Ms	ELISA, WB
CXCL7 / NAP2	GTX29554	Rb pAb		Hu	ELISA, Neut, WB
	GTX37232	Ms mAb	(IgG1)	Hu	ELISA, IP, WB
CXCL8	see IL-8 antibodies in page 10				
CXCL9 / MIG	GTX108422	Rb pAb		Hu	IHC-P, WB
	GTX27206	Rb pAb		Rat	WB
CXCL10 / IP10	GTX11451	Ms mAb	4D5 (IgG1)	Hu	ELISA, WB
	GTX10378	Gt pAb		Hu	ELISA, WB
CXCL11	GTX82411	Ch pAb		Hu	WB
CXCL12 / SDF1	GTX116092	Rb pAb		Hu	WB
	GTX45117	Rb pAb		Ms, Rat	IHC, IP, WB
	GTX10395	Gt pAb		Hu	ELISA, Inhib, WB
CXCL13 / BCA1	GTX108471	Rb pAb		Hu	IHC-P, WB
	GTX88115	Gt pAb		Hu	ELISA
CXCL14 / BRAK	GTX108431	Rb pAb		Hu, Ms	IHC-P, WB
	GTX88308	Gt pAb		Hu, Ms, Cow, Dog, Rat	ELISA
CXCL16	GTX116706	Rb pAb		Hu	ICC/IF, IHC-P, WB

CXCR antibodies

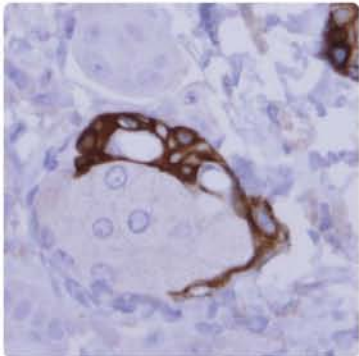
Citation

Antibody Target	Cat. No.	Host & Clonality	Clone No. (Isotype)	Reactivity	Application
CXCR1	GTX100389	Rb pAb		Hu	ICC/IF, IHC-P, WB
	GTX10400	Ms mAb	42705.111 (IgG2b)	Hu	FACS, Inhib
	GTX88098	Gt pAb		Hu	ELISA
CXCR2	GTX14935	Rb pAb		Hu, Ms, Rat	IHC-Fr, IP, WB
	GTX10401	Ms mAb	48311.211 (IgG2a)	Hu	FACS, Inhib
CXCR3 / GPR9	GTX108145	Rb pAb		Hu	IHC-P, WB
	GTX10402	Ms mAb	49801.111 (IgG1)	Hu	FACS, IHC-P
	GTX89058	Gt pAb		Hu, Ms, Rat	ELISA
CXCR4	GTX27199	Rb pAb		Ms, Rat	IM, WB
	GTX22074	Rb pAb		Hu	IHC-Fr, IP, WB
	GTX10403	Ms mAb	44716.111 (IgG2b)	Hu, Cat	FACS, ICC/IF, IHC, Inhib
	GTX72331	Ms mAb	12G5 (IgG2a)	Hu, Bb, Mk	FACS
	GTX21671	Gt pAb		Hu, Rat	ELISA, IHC-P, WB
CXCR5	GTX100351	Rb pAb		Hu	IHC-P, WB
	GTX10405	Ms mAb	51505.111 (IgG2b)	Hu	FACS
CXCR6 / Bonzo	GTX100352	Rb pAb		Hu	IHC-P, WB
	GTX88177	Gt pAb		Hu, Ms, Dog, Rat	ELISA, WB
CXCR7	GTX100027	Rb pAb		Hu	FACS, ICC/IF, IHC-P, WB
	GTX82935	Rb pAb		Hu, Cat	IHC-Fr, IP, WB

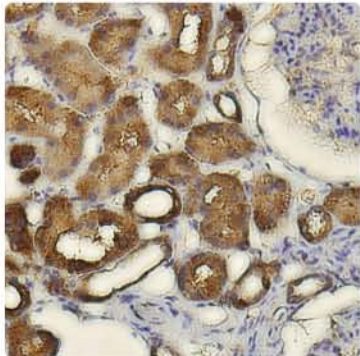
Chemokines



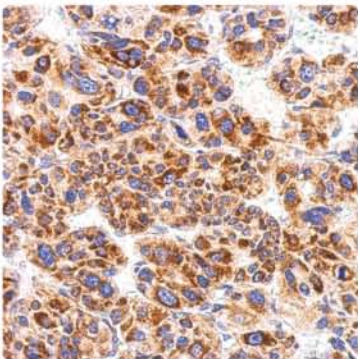
CXCL9 / MIG antibody (GTX108422):
IHC-P analysis of lung adenocarcinoma.



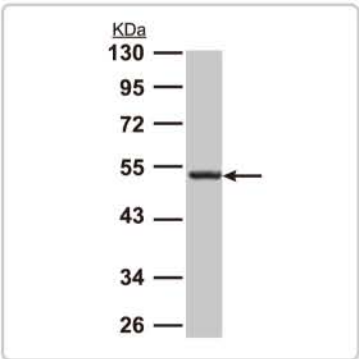
CXCL13 / BCA1 antibody (GTX108471):
IHC-P analysis of Cal27 xenograft.



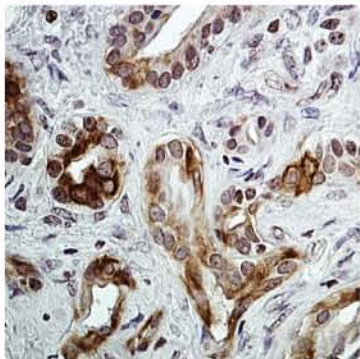
CXCL14 / BRAK antibody (GTX108431):
IHC-P analysis of renal cell carcinoma.



CXCR1 antibody (GTX100389):
IHC-P analysis of hepatoma.



CXCR5 antibody (GTX100351):
WB analysis of HepG2 whole cell lysate.



CXCR7 antibody (GTX100027):
IHC-P analysis of human pancreatic tumor.

Active CCL proteins for Blocking, ELISA, FuncS and Puri

Protein	Cat. No.	Species
CCL1 / I-309	GTX48379-PRO	Hu
	GTX48378-PRO	Hu
CCL2 / MCP1 / JE	GTX48295-PRO	Ms
	GTX48272-PRO	Rat
	GTX48377-PRO	Hu
CCL3 / MIP1 α	GTX48293-PRO	Ms
	GTX48028-PRO	Rat
	GTX48376-PRO	Hu
CCL4 / MIP1 β	GTX48292-PRO	Ms
	GTX47972-PRO	Rat
	GTX48375-PRO	Hu
CCL5 / RANTES	GTX48291-PRO	Ms
	GTX48251-PRO	Rat
CCL6 / C-10	GTX65379	Ms

Protein	Cat. No.	Species
CCL7 / MCP3	GTX48374-PRO	Hu
	GTX48290-PRO	Ms
CCL8 / MCP2	GTX48373-PRO	Hu
	GTX48289-PRO	Ms
CCL9 / CCL10 / MIP1 γ	GTX48054-PRO	Ms
CCL11 / Eotaxin	GTX65241	Hu
CCL12 / MCP5	GTX48057-PRO	Ms
	GTX29560	Hu
CCL13 / MCP4	GTX48062-PRO	Ms
CCL14 / HCC-1	GTX48371-PRO	Hu
CCL15 / MIP5	GTX48370-PRO	Hu
CCL16 / LEC	GTX48146-PRO	Hu
CCL17 / TARC	GTX48369-PRO	Hu
CCL18 / MIP4	GTX48368-PRO	Hu

Active CCL proteins for Blocking, ELISA, FuncS and Puri

Protein	Cat. No.	Species
CCL19 / MIP3 β	GTx48367-PRO	Hu
	GTx48279-PRO	Ms
CCL20 / MIP3 α	GTx48366-PRO	Hu
	GTx48294-PRO	Ms
CCL21 / Exodus-2	GTx48365-PRO	Hu
	GTx47986-PRO	Ms
CCL22 / MDC	GTx48144-PRO	Hu
	GTx48056-PRO	Ms
CCL23 / MIP3	GTx48143-PRO	Hu

Protein	Cat. No.	Species
CCL24 / Eotaxin-2	GTx48363-PRO	Hu
	GTx47998-PRO	Ms
CCL25 / TECK	GTx48142-PRO	Hu
CCL26 / Eotaxin-3	GTx48081-PRO	Hu
CCL27 / CTACK	GTx48073-PRO	Hu
	GTx48055-PRO	Ms
CCL28 / MEC	GTx47997-PRO	Hu
	GTx47995-PRO	Ms

CCL antibodies

Antibody Target	Cat. No.	Host & Clonality	Clone No. (Isotype)	Reactivity	Application
CCL1 / I-309	GTx108412	Rb pAb		Hu	IHC-P, WB
	GTx10377	Gt pAb		Hu	ELISA, WB
CCL2 / MCP1	GTx29779	Rb pAb		Ms, Rat	WB
	GTx48813	Rb pAb		Hu, Ms, Cat, Cow, Dog, Pig	ELISA, WB
	GTx18678	Ms mAb	S101 (IgG1)	Hu, Rb	ELISA, Neut, WB
	GTx18677	Ms mAb	S14 (IgG1)	Hu	ELISA, Neut, WB
CCL3 / MIP1 α	GTx27738	Rb pAb		Ms, Rat	IP, WB
	GTx29927	Rb pAb		Ms	ELISA, WB
	GTx18690	Ms mAb	199 (IgG2a)	Hu	ELISA
	GTx10381	Gt pAb		Hu, Ms	ELISA, Neut, WB
CCL3L1	GTx48812	Rb pAb		Cow, Pig	ELISA, WB
CCL3 and CCL3L1	GTx88542	Gt pAb		Hu	ELISA
	GTx89510	Gt pAb		Hu	ELISA
CCL4 / MIP1 β	GTx37459	Rb pAb		Hu, Ms, Rat	ELISA, IHC-P, WB
	GTx45129	Rb pAb		Ms, Rat	IP, Neut, WB
	GTx10384	Gt pAb		Hu, Ms	ELISA, Neut, WB
	GTx10383	Gt pAb		Hu	ELISA, IHC-Fr, Neut, WB
CCL5 / RANTES	GTx108441	Rb pAb		Hu	WB
	GTx27314	Rb pAb		Hu	ELISA, Neut, WB
	GTx10394	Rat mAb	53405.111 (IgG2a)	Hu, Ms	ELISA, Inhib, WB
	GTx10590	Gt pAb		Hu	ELISA, IHC-Fr, WB
CCL7 / MCP3	GTx18693	Ms mAb	542 (IgG2a)	Hu	ELISA, WB
	GTx18694	Ms mAb	1015 (IgG2b)	Hu	ELISA, WB
	GTx11453	Ms mAb	h.mcp.3 (IgG1)	Hu	ELISA, Neut
	GTx74077	Gt pAb		Ms	ELISA, WB
CCL8 / MCP2	GTx10391	Ms mAb	35509.11 (IgG1)	Hu, Ms	ELISA, Neut, WB
	GTx10392	Gt pAb		Hu	ELISA, Neut, WB
CCL9 / CCL10 / MIP-1 γ / MRP-2	GTx74083	Rb pAb		Ms	ELISA, WB
	GTx23372	Ms mAb	M2I-4 (IgG)	Hu	ICC/IF, IHC-Fr, WB
	GTx23373	Ms mAb	M2 III-6 (IgG2a)	Hu	FACS, ICC/IF, IHC-Fr, IHC-P, WB
CCL11 / Eotaxin	GTx27197	Rb pAb		Hu	WB
	GTx10368	Rat mAb	42285.111 (IgG2a)	Ms	ELISA, Neut, WB
	GTx10369	Gt pAb		Hu, Ms	Neut

Chemokines

CCL antibodies

Antibody Target	Cat. No.	Host & Clonality	Clone No. (Isotype)	Reactivity	Application
CCL11 / Eotaxin	GTX88559	Gt pAb		Hu	ELISA
CCL12 / MCP5	GTX74079	Rb pAb		Ms	ELISA, Neut, WB
CCL13 / NCC1	GTX82061	Ch pAb		Hu	WB
CCL14 / HCC1	GTX108428	Rb pAb		Hu	IHC-P, WB
	GTX12326	Rb pAb		Hu, Ms	WB
CCL16	GTX82062	Ch pAb		Hu	WB
	GTX48690	Rb pAb		Ms, Rat	ELISA, WB
CCL20 / MIP3 α	GTX45123	Rb pAb		Rat	IP, WB
	GTX88282	Gt pAb		Hu, Cow, Pig	ELISA
	GTX45119	Rb pAb		Rat	WB
CCL21 / SLC	GTX71189	Rb pAb		Hu	IHC-P
	GTX10364	Gt pAb		Hu, Ms	ELISA, Neut, WB
	GTX37456	Rb pAb		Hu, Ms, Rat	ELISA, IHC-P, WB
CCL22 / MDC	GTX27362	Rb pAb		Ms, Rat	WB
	GTX10379	Ch pAb		Hu, Ms	ELISA, Neut, WB
CCL24 / Eotaxin 2	GTX10370	Ms mAb	61016.11 (IgG1)	Hu	ELISA, Neut, WB
	GTX12462	Gt pAb		Ms	ELISA, Neut, WB
CCL27	GTX82067	Ch pAb		Hu	WB
CCL28	GTX108432	Rb pAb		Hu	IHC-P, WB

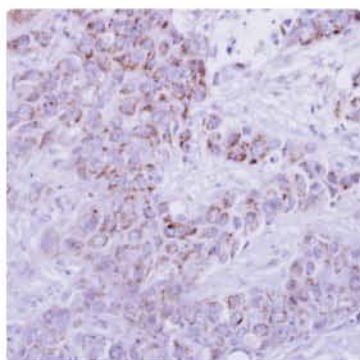
CCR antibodies

 Citation  Conjugated antibodies available

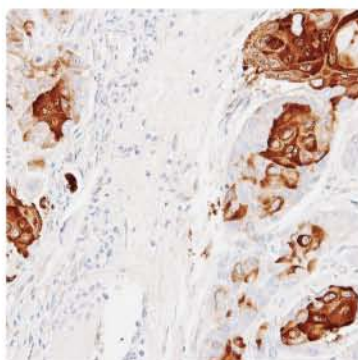
Antibody Target	Cat. No.	Host & Clonality	Clone No. (Isotype)	Reactivity	Application
CCR1 / CKR1	 GTX21681	Rb pAb		Hu, Ms	ELISA, ICC/IF, IHC-P, WB
	GTX13240	Gt pAb		Hu	ELISA, ICC/IF, WB
CCR2 / CKR2	GTX109684	Rb pAb		Hu	IHC-P, WB
	 GTX10396	Ms mAb	48607.121 (IgG2b)	Hu	FACS
	 GTX45788	Gt pAb		Ms	FACS, ICC/IF, IHC-P, WB
CCR3 / CKR3	 GTX100342	Rb pAb		Hu	FACS, IHC-P, Neut, WB
	GTX21667	Gt pAb		Hu	ELISA, ICC/IF, IHC-P, WB
CCR4 / CKR4	GTX21679	Rb pAb		Ms	ELISA, ICC/IF, WB
	GTX82976	Gt pAb		Ms	ELISA, FACS, ICC/IF, IHC-P, WB
	GTX21669	Gt pAb		Hu	ELISA, ICC/IF, IHC-P, WB
CCR5 / CKR5	 GTX10397	Ms mAb	45523.111 (IgG2b)	Hu	FACS, IHC-P, Neut
	 GTX11464	Rat mAb	HEK/1/85a (IgG2a)	Hu	FACS
	 GTX21673	Gt pAb		Hu	ELISA, ICC/IF, IHC, WB
CCR6 / CKR6	GTX109647	Rb pAb		Hu	IHC, WB
	GTX10398	Ms mAb	53103.111 (IgG2b)	Hu	FACS, IHC-Fr
	GTX21659	Gt pAb		Hu, Ms	ELISA, FACS, IHC-P, WB
CCR7 / CKR7	 GTX71695	Rb pAb		Hu	IHC-P
	GTX50775	Rb pAb		Hu	WB
	GTX21657	Gt pAb		Hu, Ms	Blocking, ELISA, FACS, ICC/IF, IHC-P, WB
CCR8 / CKR8	GTX100344	Rb pAb		Hu	IHC-P, WB
	GTX21663	Gt pAb		Ms	ELISA, FACS, ICC/IF, IHC-P, WB
	GTX21666	Gt pAb		Hu	ELISA, FACS, ICC/IF, IHC-P, WB

CCR antibodies

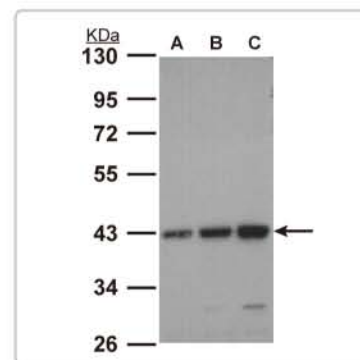
Antibody Target	Cat. No.	Host & Clonality	Clone No. (Isotype)	Reactivity	Application
CCR9 / CKR9	GTx80317	Rat mAb	7E7 (IgG2b)	Ms	FACS, ICC/IF, IHC-Fr
	GTx21662	Gt pAb		Hu, Ms	ELISA, FACS, ICC/IF, IHC-P, WB
CCR10	GTx13794	Rb pAb		Hu, Ms	WB
	GTx21661	Gt pAb		Ms	ELISA, ICC/IF, IHC-P, WB
	GTx23904	Gt pAb		Hu	ELISA, ICC/IF, IHC-P, WB
CCR11	GTx70543	Rb pAb		Hu	IHC-P
	GTx21660	Gt pAb		Hu, Ms	ELISA, ICC/IF, IHC-P, WB



CCL1 antibody (GTx108412):
IHC-P analysis of breast carcinoma.



CCL28 antibody (GTx108432):
IHC-P analysis of Cal27 xenograft.



CCR6 antibody (GTx109647):
WB analysis of (A) HepG2, (B) Molt-4 and (C) Raji cell lysates.

Active XCL proteins for Blocking, ELISA, FuncS and Puri.

Protein	Cat. No.	Species
XCL1 / Lymphotoctin	GTx48359-PRO	Hu

XCL, XCR and CX3CR antibodies

Citation

Antibody Target	Cat. No.	Host & Clonality	Clone No. (Isotype)	Reactivity	Application
XCL1 / Lymphotoctin	GTx27218	Rb pAb		Ms	IP, WB
	GTx27220	Rb pAb		Rat	IP, WB
	GTx10607	Gt pAb		Hu, Ms	ELISA, Neut, WB
XCR1 / CX3CR1	GTx77973	Rb pAb		Hu	IHC-P
CX3CL1	GTx45088	Rb pAb		Rat	IHC-Fr, IHC-P, IP, WB
	GTx45091	Rb pAb		Ms	IHC, IP, WB
	GTx80906	Gt pAb		Hu, Ms	Neut, WB
CX3CR1	GTx74237	Rb pAb		Hu, Ms, Rat	IHC, IP, WB
	GTx27200	Rb pAb		Rat	IHC-Fr, IHC-P, IP, Neut, WB

Interferons

Interferons (IFNs) are a type of cytokine that facilitate communication between cells to trigger the immune system. These proteins are synthesized and released by host cells in response to either pathogens or tumor cells. In addition to their ability to interfere with viral replication, IFNs also activate immune cells and up-regulate antigen presentation to T lymphocytes. IFNs exhibit antiviral, antiproliferative and immunomodulatory activities. The antiviral property makes IFN- α a good therapy for various viral infections such as the treatment of hepatitis B and C. IFN- γ has been used to enhance macrophage activity for the treatment of certain immune disorders. In addition, the antiproliferative properties of IFNs have also been exploited for the treatment of certain tumors such as melanoma and Kaposi's sarcoma.

Active IFN proteins for Blocking, ELISA, FuncS and Puri

Protein	Cat. No.	Species
IFN α	GTX29661	
IFN β	GTX48196-PRO	Hu

Protein	Cat. No.	Species
IFN γ	GTX48195-PRO	Hu
	GTX48067-PRO	Ms
	GTX48025-PRO	Rat

IFN antibodies

★ Conjugated antibodies available

Antibody Target	Cat. No.	Host & Clonality	Clone No. (Isotype)	Reactivity	Application
IFN α	GTX10077	Ms mAb	AE3 (IgG2a)	Hu	ELISA, IA, WB
	GTX13781	Ms mAb	144BS (IgG1)	Hu	ELISA, FACS, IP
	GTX75006	Rat mAb	F18 (IgG1)	Ms	Neut
IFN α 2	GTX108284	Rb pAb		Hu	ICC/IF, IHC-P, WB
IFN α 6	GTX108423	Rb pAb		Hu	WB
IFN α 8	GTX105681	Rb pAb		Hu	IHC-P, WB
IFN β	GTX10740	Gt pAb		Hu	ELISA, Neut, WB
	GTX112764	Rb pAb		Hu	WB
IFN γ	GTX11285	Ms mAb	BB1E2 (IgG2a)	Hu	ELISA, FACS, IHC-Fr, WB
	★ GTX11412	Ms mAb	D9D10 (IgG1)	Hu, Bb	ELISA, FACS, WB
	★ GTX74863	Ms mAb	DB-1 (IgG1)	Ms, Rat	Blocking, ELISA, IHC-Fr, Neut, WB
	GTX11855	Rat mAb	F1 (IgG2a)	Ms	IA, IP, Puri
	★ GTX75117	Rat mAb	XMG1.2 (IgG1)	Ms	ELISA, FACS
	GTX10744	Gt pAb		Ms, Rat	ELISA, IHC, Neut, WB
	GTX10742	Ha mAb	H22 (IgG)	Ms	ELISA, IP, Neut, WB

IFN receptor antibodies

Citation ★ Conjugated antibodies available

Antibody Target	Cat. No.	Host & Clonality	Clone No. (Isotype)	Reactivity	Application
IFN α R1	GTX102902	Rb pAb		Hu	WB
	GTX10739	Gt pAb		Hu	ELISA, Neut, WB
IFN α R2	GTX105770	Rb pAb		Hu	ICC/IF, WB
	GTX30874	Ms mAb	(IgG1)	Hu	ELISA, WB
IFN γ R1	C GTX103098	Rb pAb		Hu	IHC-P, WB
	★ GTX11285	Ms mAb	BB1E2 (IgG2a)	Hu	ELISA, FACS, IHC-Fr, WB
	GTX10745	Gt pAb		Hu	ELISA, Neut, WB
IFN γ R2	GTX81601	Rb pAb		Hu	ELISA, FACS, IHC, WB

Interleukins

Interleukins (ILs) are a large group of cytokines that mediate cell-to-cell communication. They display a wide spectrum of biological activities including cell activation, differentiation, proliferation and motility. The majority of interleukins are produced by T helper cells, as well as by monocytes, macrophages and endothelial cells. ILs promote the development and differentiation of T-, B-, and hematopoietic cells.

Active IL proteins for Blocking, ELISA, FuncS and Puri.

Protein	Cat. No.	Species
IL-1 α	GTX48430-PRO	Hu
	GTX48064-PRO	Ms
	GTX48278-PRO	Rat
IL-1 β	GTX48429-PRO	Hu
	GTX48306-PRO	Ms
	GTX48039-PRO	Rat
IL-2	GTX48187-PRO	Hu
	GTX48305-PRO	Ms
	GTX48241-PRO	Rat
IL-3	GTX48428-PRO	Hu
	GTX48304-PRO	Ms
	GTX48303-PRO	Rat
IL-4	GTX48427-PRO	Hu
	GTX48302-PRO	Ms
	GTX48235-PRO	Rat
IL-5	GTX48426-PRO	Hu
	GTX48063-PRO	Ms
	GTX48277-PRO	Rat
IL-6 / IFN β 2	GTX48424-PRO	Hu
	GTX48301-PRO	Ms
	GTX48276-PRO	Rat
IL-7	GTX48423-PRO	Hu
	GTX48300-PRO	Ms
	GTX48027-PRO	Rat
IL-8 / CXCR8	GTX48422-PRO	Hu
IL-9	GTX48420-PRO	Hu
	GTX48299-PRO	Ms
IL-10	GTX48419-PRO	Hu
	GTX48310-PRO	Ms
	GTX48270-PRO	Rat

Protein	Cat. No.	Species
IL-11	GTX48418-PRO	Hu
	GTX48066-PRO	Ms
IL-12	GTX47956-PRO	Hu
	GTX48065-PRO	Ms
IL-13	GTX48416-PRO	Hu
	GTX48309-PRO	Ms
	GTX48242-PRO	Rat
IL-15	GTX48414-PRO	Hu
	GTX48308-PRO	Ms
	GTX48268-PRO	Rat
IL-16	GTX48412-PRO	Hu
	GTX65353	Ms
IL-17	GTX48408-PRO	Hu
	GTX48307-PRO	Ms
	GTX65413	Rat
IL-17F	GTX48245-PRO	Hu
	GTX47965-PRO	Ms
IL-18	GTX65152	Hu
	GTX65421	Rat
IL-19	GTX48265-PRO	Hu
	GTX65476	Ms
IL-20 / IL-17B	GTX48022-PRO	Hu
IL-21	GTX48254-PRO	Hu
	GTX47988-PRO	Ms
IL-22	GTX48262-PRO	Hu
	GTX48261-PRO	Ms
IL-24	GTX65322	Hu
	GTX48252-PRO	Hu
IL-25 / IL-17E	GTX65480	Rat
	GTX65467	Ms
IL-27		

IL antibodies

Antibody Target	Cat. No.	Host & Clonality	Clone No. (Isotype)	Reactivity	Application
IL-1 α	GTX113087	Rb pAb		Hu	IHC-P, WB
	GTX41494	Ms mAb	364-3B3-14 (IgG1)	Hu	ELISA, FACS
	GTX10747	Ms mAb	59015.111 (IgG1)	Rat	ELISA, WB
	GTX17281	Ms mAb	AS5 (IgG1)	Hu	ELISA, IHC, IP, Neut
	GTX83294	Ms mAb	1F3B3,3A6F11 (IgG2a)	Hu	ELISA

IL antibodies

 Citation
  Conjugated antibodies available

Antibody Target	Cat. No.	Host & Clonality	Clone No. (Isotype)	Reactivity	Application
IL-1 β	GTX22105	Rb pAb		Hu	ELISA, FACS, IHC-Fr, IHC-P, IP, RIA, WB
	GTX28321	Ms mAb		Hu	ELISA, ICC/IF
	GTX28319	Ms mAb	5C10 (IgM)	Hu	ELISA, IHC
	GTX28320	Ms mAb	6E10 (IgG2a)	Hu	ELISA, IHC-Fr, IHC-P
IL-2	GTX10749	Ms mAb	11E5 (IgG2b)	Hu, Ms	ELISA, Neut, WB
	GTX81656	Rb pAb	8516.311 (IgG1)	Hu	ELISA, IHC, WB
	GTX16236	Ms mAb		Hu	ELISA, FACS, IHC-Fr, WB
	GTX13777	Ms mAb	419A 7A3 (IgG1)	Hu	FACS, ICC/IF, IHC-P
	GTX11510	Rat mAb	N7.48A (IgG2a)	Ms	ELISA, IP, WB
	★ GTX11513	Rat mAb	JES6-1A12 (IgG2a)	Ms	ELISA, IP
	★ GTX11448	Rat mAb	JES 65H4 (IgG2b)	Hu, Mk	ELISA, FACS
	GTX10751	Gt pAb	MQ1-17H12 (IgG2a)	Hu, Ms, Rat	ELISA, IHC, Neut, WB
IL-3	GTX10753	Gt pAb		Ms	ELISA, Neut, WB
	GTX74036	Rb pAb		Ms	ELISA, Neut, WB
	GTX10080	Ms mAb		Hu	ELISA
	GTX84295	Ms mAb	2F2 (IgG2a)	Hu	IHC, WB
IL-4	GTX10082	Ms mAb	3B11 (IgG1)	Hu	ELISA
	GTX13779	Ms mAb	3C11 (IgG1)	Hu	ICC/IF, Neut, WB
	GTX13780	Ms mAb	4D9 (IgG1)	Hu	FACS, ICC/IF, Neut, WB
	GTX11524	Rat mAb	8F12 (IgG1)	Ms	ELISA, FACS, IHC-Fr, WB
IL-5	GTX40989	Rat mAb	BVD4-1D11 (IgG2b)	Ms	Blocking, Dot
	GTX10755	Gt pAb	14.F5 (IgG1)	Hu	ELISA, Neut, WB
	GTX37651	Rb pAb		Hu, Ms, Rat	ELISA, WB
	GTX79485	Rat mAb		Hu	ELISA, WB
IL-6	GTX10757	Gt pAb	5A10 (IgG2a)	Hu, Ms	ELISA, Neut, WB
	GTX110527	Rb pAb		Hu	ICC/IF, IHC-P, WB
	GTX26672	Rb pAb		Hu	ELISA, IHC-Fr, IHC-P, IP, Neut, RIA, WB
	GTX76467	Ms mAb		Hu	ELISA, IHC-Fr, Neut
IL-7	GTX27375	Rat mAb	B-E8 (IgG1)	Ms	EIA, ELISA, ELISPOT, ICC/IF, Inhib, IP, Neut
	★ GTX27376	Rat mAb	MP5-20F3 (IgG1)	Mk	ELISA, ELISPOT, ICC/IF, IHC-Fr, IP, Neut
	GTX74159	Rb pAb	MP5-32C11 (IgG2a)	Hu	ELISA, Neut, WB
	GTX10765	Ms mAb		Hu	ELISA, Neut, WB
IL-8 / CXCR8	GTX10766	Gt pAb	7417.111 (IgG1)	Ms	ELISA, Neut, WB
	GTX81140	Rb pAb		Hu	ELISA, FACS, IHC, WB
	GTX83239	Ms mAb		Hu	ELISA
	GTX18672	Ms mAb	3E4D8 (IgG1 κ)	Hu	ELISA, Neut, WB
IL-9	GTX10768	Ms mAb	807 (IgG1)	Hu	ELISA, FACS, Neut, WB
	GTX18649	Ms mAb	6217 (IgG1)	Hu	ELISA, Neut, WB
	GTX10769	Gt pAb	18-S2 (IgG2b)	Hu	ELISA, IHC, Neut, WB
	GTX80931	Rb pAb		Hu	ELISA, WB
IL-10	GTX10770	Gt pAb		Hu	ELISA, Neut, WB
	GTX10771	Gt pAb		Ms	ELISA, Neut, WB
	GTX80555	Rb pAb		Hu	ELISA, FACS, IHC, WB
	GTX10774	Ms mAb		Hu	ELISA, Neut, WB
IL-11	GTX83241	Ms mAb	23738.11 (IgG2b)	Hu	ELISA
	GTX27379	Rat mAb	3C12C12 (IgG1)	Ms	ELISA, WB
	GTX10775	Gt pAb	JES5-2A5 (IgG1)	Hu	ELISA, Neut, WB
	GTX37407	Rb pAb		Hu, Ms, Rat	ELISA, IHC-P, WB
IL-12 α	GTX83382	Ms mAb		Hu	ELISA, WB
	GTX10780	Gt pAb	6D9A1 (IgG1)	Hu	Neut
	GTX81020	Rb pAb		Hu	ELISA, FACS, IHC, WB
	Ⓢ GTX11446	Ms mAb		Hu	ELISA, IHC-Fr, RIA
IL-12 β	GTX41529	Ms mAb	1-1A4 (IgG1)	Hu	ELISA
	GTX89024	Gt pAb	C8.3 (IgG1)	Hu	ELISA, IHC, WB
	GTX88847	Gt pAb		Ms, Rat	ELISA, WB

IL antibodies

Antibody Target	Cat. No.	Host & Clonality	Clone No. (Isotype)	Reactivity	Application
IL-13	GTX37656	Rb pAb		Hu, Ms, Cow, Dog, Gt, Rat	ELISA, WB
	GTX10782	Ms mAb	32116.11 (IgG1)	Hu	ELISA, Neut, WB
	GTX10783	Rat mAb	38213.11 (IgG2b)	Ms	ELISA, Neut, WB
IL-14	GTX76631	Ms mAb	B-S10 (IgG1)	Hu	ELISA
IL-15	GTX27213	Rb pAb		Ms	ELISA, Neut, WB
	GTX10784	Ms mAb	34593.11 (IgG1)	Hu	ELISA, Neut, WB
IL-16	GTX108425	Rb pAb		Hu	ICC/IF, WB
	GTX18673	Ms mAb	59 (IgG2b)	Hu	ELISA, WB
	GTX18675	Ms mAb	323 (IgG2a)	Hu	ELISA
	GTX50044	Ms mAb	J2F10 (IgG1)	Hu, Ms	ELISA, WB
IL-17	GTX74058	Rb pAb		Ms	ELISA, Neut, WB
	GTX10786	Gt pAb		Hu	ELISA, Neut, WB
IL-18	GTX101368	Rb pAb		Hu	ELISA, IHC-P, WB
	GTX75813	Ms mAb	7-G-8 (IgG1)	Ms	ELISA, WB
	GTX88395	Gt pAb		Hu, Rb, Rat	ELISA, WB
IL-21 / IL-17C	GTX117514	Rb pAb		Hu	IHC-P, WB
	GTX18495	Rb pAb		Hu	ELISA, ICC/IF
	GTX18496	Gt pAb		Ms	ELISA, IHC-P
IL-22	GTX109659	Rb pAb		Hu	IHC-P, WB
	GTX18499	Rb pAb		Hu, Ms	ELISA, ICC/IF, IHC-P
	GTX18498	Gt pAb		Hu, Ms, Dog, Rat	ELISA, ICC/IF
IL-23A	GTX85737	Rb pAb		Hu, Ms	IHC-P, WB
IL-24 / IL-17F	GTX108472	Rb pAb		Hu	WB
	GTX48759	Rb pAb		Ms, Rat	ELISA, WB
IL-27	GTX119293	Rb pAb		Hu	IHC-P, WB
	GTX48686	Rb pAb		Ms	ELISA, WB
IL-29	GTX48682	Rb pAb		Hu	ELISA, WB
IL-27+IL-30	GTX77915	Rb pAb		Hu, Ms	WB
IL-31	GTX85642	Rb pAb		Hu, Ms	IHC-P, WB
	GTX85069	Rb pAb		Hu, Ms	ELISA, WB
IL-32	GTX85070	Rb pAb		Hu, Ms	ELISA, IHC, WB
	GTX50008	Ms mAb	AT2F9 (IgG1)	Hu	ELISA, WB
	GTX107012	Rb pAb		Hu	IHC-P, WB
IL-33	GTX50047	Ms mAb	4E9 (IgG2b)	Hu	ELISA, WB
	GTX84979	Ms mAb	12B3C4 (IgG)	Hu, Ms	ELISA, IHC, WB
	GTX48701	Rb pAb		Hu, Ms, Rat	ELISA, WB
IL-34	GTX82810	Ms mAb	1D12 (IgG1)	Hu	ELISA, ICC/IF

IL receptor antibodies

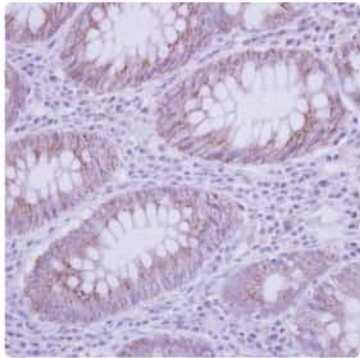
★ Conjugated antibodies available

Antibody Target	Cat. No.	Host & Clonality	Clone No. (Isotype)	Reactivity	Application
IL-1R1	GTX111092	Rb pAb		Hu	WB
	GTX42465	Ms mAb	35730 (49/20) (IgG1)	Hu	ELISA, WB
IL-1R2 / CD121b	GTX108702	Rb pAb		Hu	ICC/IF, IHC-P, WB
	GTX11868	Ms mAb	8.5 (IgG1)	Hu	FACS, IA, WB
	GTX13776	Ms mAb	1.384.92.17.19 (IgG1)	Hu	ELISA, IA, IHC-Fr
	GTX88100	Gt pAb		Hu	ELISA
IL-2R α / CD25	GTX29496	Ms mAb	IL2R.1 (IgG1)	Hu	IHC-Fr, IHC-P
	★ GTX23978	Ms mAb	MEM-140 (IgM)	Hu	FACS, IP
	★ GTX75869	Ms mAb	MEM-181 (IgG1)	Hu	FACS
	★ GTX76050	Ms mAb	OX-39 (IgG1)	Rat	FACS, IHC-Fr, IHC-P
	★ GTX74802	Rat mAb	PC61.5.3. (IgG1)	Ms	FACS, IHC, IP
	★ GTX76093	Rat mAb	YTH 906.9HL (IgG2b)	Hu	FACS
IL-2R β / CD122	GTX113751	Rb pAb		Hu	WB
	★ GTX75798	Ms mAb	L316 (IgG1)	Ms	FACS
IL-3R α / CD123	GTX101563	Rb pAb		Hu	IHC-P, WB
	GTX74808	Ms mAb	6H6 (IgG1)	Hu	FACS, IP, WB
IL-3R β / CD131	GTX104118	Rb pAb		Hu	WB
IL-5R α / CD125	GTX10759	Gt pAb		Hu	ELISA, FACS, Neut, WB

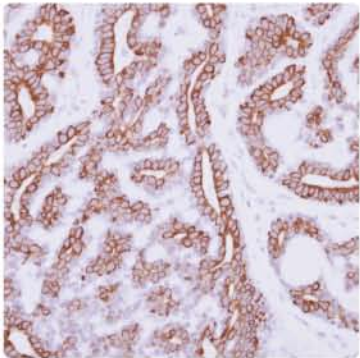
IL receptor antibodies

Citation ★ Conjugated antibodies available

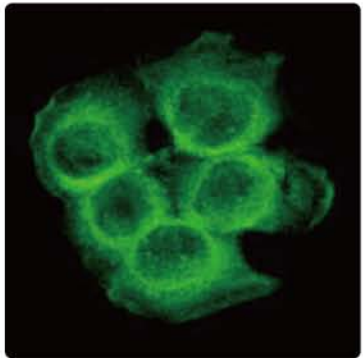
Antibody Target	Cat. No.	Host & Clonality	Clone No. (Isotype)	Reactivity	Application
IL-6Rα / CD126	GTX76550	Ms mAb	B-R6 (IgG1)	Hu	ELISA, FACS, IHC-Fr, IP
	GTX89399	Gt pAb		Hu	ELISA
IL-6Rβ / CD130	GTX109048	Rb pAb		Hu	ICC/IF, IHC-P, WB
	GTX11462	Ms mAb	B-T2 (IgG1)	Hu	ELISA, FACS
IL-7Rα / CD127	GTX48715	Rb pAb		Hu, Ms, Rat	ELISA, IHC, WB
	GTX87162	Rb pAb		Hu, Ms	ELISA, WB
IL-9R / CD129	GTX10767	Ms mAb	40131 (IgG1)	Hu	ELISA, WB
	GTX87356	Rb pAb		Hu	ELISA, IHC
	GTX10773	Ms mAb	33423 (IgG1)	Hu	ELISA, Neut, WB
IL-10Rα / CD210	GTX102731	Rb pAb		Hu	IHC-P, WB
	GTX10777	Ms mAb	37607.11	Hu	ELISA, Neut, WB
	★ GTX41481	Rat mAb	1B1.3a	Ms	FACS
	★ GTX76026	Rat mAb	3F9 (IgG2a)	Hu	FACS
IL-10Rβ / CDW210B	GTX10778	Gt pAb		Hu	ELISA, FACS, Neut, WB
IL-11Rα	GTX46436	Rb pAb		Hu, Ms, Rat	WB
IL-12Rβ1	GTX10781	Gt pAb		Hu	ELISA, WB
	GTX88103	Gt pAb		Hu	ELISA, WB
IL-12Rβ2	GTX103166	Rb pAb		Hu	WB
IL-13Rα1	GTX114494	Rb pAb		Hu	WB
	GTX105788	Rb pAb		Hu	IHC-P, WB
IL-13Rα2	GTX45500	Rb pAb		Hu, Dog	WB
IL-17RA / CDw217	GTX47598	Gt pAb		Ms, Rat	ELISA, WB
	GTX81729	Rb pAb		Hu	ELISA, FACS, IHC, WB
IL-17RB	★ GTX13653	Ms mAb	97C691 (IgG1)	Hu	WB
IL-17RC	GTX105487	Rb pAb		Hu	WB
IL-17RD	GTX105688	Rb pAb		Hu, Ms	WB
	GTX121503	Rb pAb		Hu	ICC/IF, IHC-P, WB
IL-18R1 / CDw218a	GTX10788	Ms mAb	70625.111 (IgG1)	Hu	I-ELISA, Neut, WB
	★ GTX11402	Ms mAb	H44 (IgG1)	Hu	FACS, WB
	GTX10787	Gt pAb		Hu, Ms	I-ELISA, Neut, WB
IL-20Rβ	GTX87090	Rb pAb		Hu, Ms	ELISA, WB
IL-21R	GTX13268	Rb pAb		Ms	ELISA, FACS, IHC
	GTX13856	Rb pAb		Hu, Ms	ELISA, WB
	GTX13321	Gt pAb		Hu	ELISA, IHC-P
IL-22Rα1	GTX25984	Rb pAb		Hu, Ms	WB
	GTX18568	Gt pAb		Hu	ELISA, IHC-P
IL-22Rα2	GTX103302	Rb pAb		Hu	IHC-P, WB
	GTX18566	Gt pAb		Hu, Ms, Rat	ELISA, FACS, ICC/IF
IL-27Rα / TCCR	GTX25996	Rb pAb		Hu	WB
IL-28Rα	GTX46260	Rb pAb		Hu	WB
	GTX18567	Gt pAb		Ms, Rat	ELISA, ICC/IF



IL-21 / IL-17C antibody (GTX117514):
IHC-P analysis of colon tissue.



IL-3Rα antibody (GTX101563):
IHC-P analysis of breast carcinoma.



IL-17RD antibody (GTX121503):
ICC/IF analysis of methanol-fixed MCF-7 cells.



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