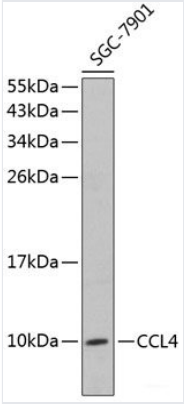
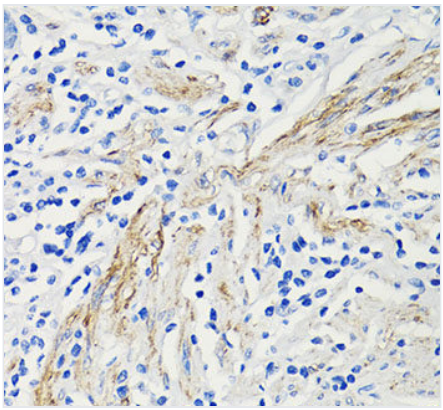
CCL4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CCL4, Polyclonal Antibody
Full Product Name	CCL4 Polyclonal Antibody
Product Gene Name	anti-CCL4 antibody
Product Synonym Names	CCL4; ACT2; AT744.1; G-26; HC21; LAG-1; LAG1; MIP-1-beta; MIP1B; MIP1B1; SCYA2; SCYA4
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Purity/Purification	Affinity purification
Concentration	1mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	92
OMIM	182284
3D Structure	ModBase 3D Structure for P13236
Immunogen	A synthetic peptide of human CCL4 (NP_0029751)
Conjugation	Unconjugated
Product Categories/Family for anti-CCL4 antibody	Immunology; Polyclonal Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CCL4 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-CCL4 antibody	WB: 1:500-1:2000 IHC: 1:50-1:200
Related Product Information for anti-CCL4 antibody	The protein encoded by this gene is a mitogen-inducible monokine and is one of the major HIV-suppressive factors produced by CD8+ T-cells. The encoded protein is secreted and has chemokinetic and inflammatory functions.
Other Notes	Small volumes of anti-CCL4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CCL4 purchase	MBS2565742 is an antibody targeting CCL4. Also known as CCL4 Polyclonal Antibody. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-CCL4 antibody
Western blot analysis of extracts of SGC-7901 cells using CCL4 Polyclonal Antibody.



Immunohistochemistry (IHC) of anti-CCL4 antibody
Immunohistochemistry of paraffin-embedded Human colon using CCL4 Polyclonal Antibody at dilution of 1:100 (40x lens).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CCL4. It may not necessarily be applicable to this product.

NCBI GI #	127080
NCBI GeneID	6351
NCBI Accession #	P13236.1
UniProt Primary Accession #	P13236
UniProt Secondary Accession #	P22617; Q13704; Q3SXL8; Q6FGI8
UniProt Related Accession #	P13236
NCBI Official Full Name	C-C motif chemokine 4
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 4
NCBI Official Symbol	CCL4
NCBI Official Synonym Symbols	ACT2; G-26; HC21; LAG1; LAG-1; MIP1B; SCYA2; SCYA4; MIP1B1; AT744.1; MIP-1-beta
UniProt Protein Name	C-C motif chemokine 4
UniProt Synonym Protein Names	G-26 T-lymphocyte-secreted protein; HC21; Lymphocyte activation gene 1 protein; LAG-1; MIP-1-beta(1-69); Macrophage inflammatory protein 1-beta; MIP-1-beta; PAT 744; Protein H400; SIS-gamma; Small-inducible cytokine A4; T-cell activation protein 2; ACT-2
Protein Family	C-C motif chemokine
UniProt Gene Name	CCL4
UniProt Synonym Gene Names	LAG1; MIP1B; SCYA4; LAG-1; MIP-1-beta; ACT-2
UniProt Entry Name	CCL4_HUMAN
NCBI Protein Information	C-C motif chemokine 4; PAT 744; SIS-gamma; MIP-1-beta(1-69); secreted protein G-26; T-cell activation protein 2; G-26 T-lymphocyte-secreted protein; lymphocyte activation gene 1 protein; macrophage inflammatory protein 1-beta; small inducible cytokine A4

UniProt Comments for CCL4	CCL4: Monokine with inflammatory and chemokinetic properties. Binds to CCR5. One of the major HIV-suppressive factors produced by CD8+ T-cells. Recombinant MIP-1-beta induces a dose-dependent inhibition of different strains of HIV-1, HIV-2, and simian immunodeficiency virus (SIV). The processed form MIP-1-beta(3-69) retains the abilities to induce down-modulation of surface expression of the chemokine receptor CCR5 and to inhibit the CCR5-mediated entry of HIV-1 in T-cells. MIP-1-beta(3-69) is also a ligand for CCR1 and CCR2 isoform B. Belongs to the intercrine beta (chemokine CC) family. Protein type: Secreted; Secreted, signal peptide; Motility/polarity/chemotaxis; Chemokine Chromosomal Location of Human Ortholog: 17q12 Cellular Component: extracellular space; extracellular region Molecular Function: identical protein binding; protein binding; CCR1 chemokine receptor binding; chemokine activity; cytokine activity; CCR5 chemokine receptor binding Biological Process: cell-cell signaling; response to toxin; response to virus; establishment and/or maintenance of cell polarity; positive regulation of calcium-mediated signaling; immune response; positive regulation of calcium ion transport; inflammatory response; cell motility; signal transduction; cell adhesion
Research Articles on CCL4	**1.** The allele and genotype frequencies of CCL2, CCL3 and CCL4 were not different between HCs and patients with PTB.
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