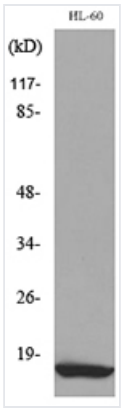
CCL4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CCL4, Polyclonal Antibody
Full Product Name	CCL4 Antibody
Product Gene Name	anti-CCL4 antibody
Product Synonym Names	CCL4; LAG1; MIP1B; SCYA4; C-C motif chemokine 4; 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
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using peptide.
Concentration	1 mg/ml (lot specific)
Specificity	CCL4 Antibody detects endogenous levels of CCL4 protein.
Preparation and Storage	Stable at -20 degree C for at least 1 year.
Molecular Weight	10 kDa
OMIM	J04130 mRNA
3D Structure	ModBase 3D Structure for P13236
Target Modification	Unmodified/Total
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human CCL4.
Immunogen Range	41-90
Applications Tested/Suitable for anti-CCL4 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-CCL4 antibody	WB: 1:500~1:1000 ELISA: 1:10000
Related Product Information for anti-CCL4 antibody	MBS9507405 is an antibody targeting CCL4. Also known as CCL4 Antibody. Reactive in Human. Host: Rabbit.
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.



Western Blot (WB) of anti-CCL4 antibody
Western blot analysis of lysate from HL-60 cells, using CCL4 Antibody.

ADDITIONAL DETAILS

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

NCBI GI #	4506845
NCBI GeneID	6351
NCBI Accession #	NP_002975.1
UniProt Primary Accession #	P13236
UniProt Secondary Accession #	P22617; Q13704; Q3SXL8; Q6FGI8
UniProt Related Accession #	P13236
GenBank Nucleotide #	NM_002984.3
NCBI Official Full Name	C-C motif chemokine 4
NCBI Official Synonym Full Names	C-C motif chemokine 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
Protein Family	C-C motif chemokine
UniProt Gene Name	CCL4
UniProt Synonym Gene Names	LAG1; MIP1B; SCYA4; LAG-1; MIP-1-beta; ACT-2
NCBI Protein Information	C-C motif chemokine 4
NCBI Summary for CCL4	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. [provided by RefSeq, Dec 2012]
UniProt Comments for 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.
Research Articles on CCL4	**1.** The CCL3 and CCL4 chemokines might not be involved in differential susceptibility to the digestive and cardiac clinical forms of chronic Chagas disease, and it seems they do not influence the development of LVSD.

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