

Rabbit anti-Human, Mouse CCL4 Polyclonal Antibody | anti-CCL4 antibody

CCL4 Antibody (Center)

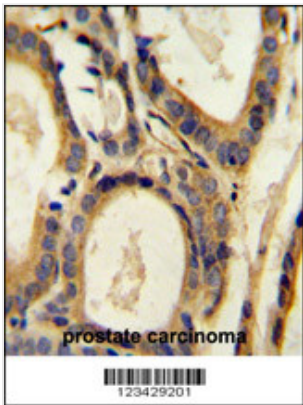
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288382	Rabbit	Human, Mouse	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

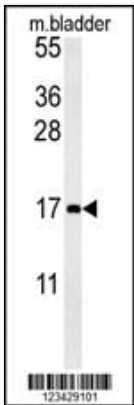
CCL4; Polyclonal Antibody; CCL4 Antibody (Center); C-C motif chemokine 4; G-26 T-lymphocyte-secreted protein; HC21; Lymphocyte activation gene 1 protein; LAG-1; MIP-1-beta(1-69); Macrophage inflammatory protein 1-beta; MIP-1-beta; PAT 744; Protein H400; SIS-gamma; Small-inducible cytokine A4; T-cell activation protein 2; ACT-2; MIP-1-beta(3-69); LAG1; MIP1B; SCYA4; anti-CCL4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CCL4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 22-48 amino acids from the Central region of human CCL4.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	22-48
Sequence Length	92
Applicable Applications for anti-CCL4 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Function	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.
Cellular Location	Secreted.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohiostchemistry)
CCL4 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CCL4 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
CCL4 Antibody (Center) western blot analysis in mouse bladder tissue lysates (15ug/lane).This demonstrates the CCL4 antibody detected CCL4 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CCL4 antibody	This gene is one of several cytokine genes clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. This protein is similar to CCL4 which inhibits HIV entry by binding to the cellular receptor CCR5. The copy number of this gene varies among individuals; most individuals have 1-5 copies in the diploid genome, although rare individuals do not contain this gene at all. The human genome reference assembly contains two copies of this gene. This record represents the more centromeric gene. [provided by RefSeq].
Product Categories/Family for anti-CCL4 antibody	Immunology; Signal Transduction
References	Colobran, R., et al. Clin. Exp. Immunol. 162(1):41-52(2010) Lajoie, J., et al. J. Clin. Immunol. 30(1):90-98(2010) Colobran, R., et al. Genes Immun. 10(3):254-259(2009) Shostakovich-Koretskaya, L., et al. AIDS 23(6):679-688(2009) Melzer, D., et al. PLoS Genet. 4 (5), E1000072 (2008) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	47824887
NCBI GeneID	388372
NCBI Accession #	NP_001001435.1; NP_002975.1; NP_996890.1
NCBI GenBank Nucleotide #	NM_001001435.2
UniProt Accession #	P13236; P22617; Q13704; Q3SXL8; Q6FGI8
Molecular Weight	10212
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 4-like 2
NCBI Official Symbol	CCL4L2
NCBI Official Synonym Symbols	CCL4L; SCYA4L; AT744.2; SCYQ4L2
NCBI Protein Information	C-C motif chemokine 4-like
UniProt Protein Name	C-C motif chemokine 4
UniProt Gene Name	CCL4

UniProt Synonym Gene Names	LAG1; MIP1B; SCYA4; LAG-1; MIP-1-beta; ACT-2
UniProt Entry Name	CCL4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ccl4-antibody-immunohistochemistry-western-blot-elisa/288382>