

Datasheet for ABIN6991818 **anti-CCL4 antibody**



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Overview

Quantity:	0.1 mg
Target:	CCL4
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCL4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	Rabbit polyclonal CCL4 antibody was raised against a 15 amino acid peptide near the center of human CCL4. The immunogen is located within the first 50 amino acids of CCL4.
Isotype:	IgG
Purification:	CCL4 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	CCL4
Alternative Name:	CCL4 (CCL4 Products)
Background:	CCL4 Antibody: CCL4, also known as macrophage inflammatory protein 1-beta (MIP1B), belongs to the intercrine beta (chemokine CC) family. Both CCL4 and the related protein CCL3 participate in the host response to invading bacterial, viral, parasite and fungal pathogens by

Target Details

regulating the trafficking and activation state of selected subgroups of inflammatory cells. While both CCL4 and CCL3 exert similar effects on monocytes, their effect on lymphocytes differ, with CCL4 selectively attracting CD4+ lymphocytes and CCL3 selectively attracting CD8+ lymphocytes. Additionally, both have been shown to be potent chemoattractants for B cells, eosinophils and dendritic cells. The processed form of CCL4 can induce down-modulation of surface expression of the chemokine receptor CCR5, thus inhibiting the CCR5-mediated entry of HIV-1 in T cells.

Molecular Weight: Predicted: 10 kDa

Gene ID: 6351

NCBI Accession: [NP_002975](#)

UniProt: [P13236](#)

Application Details

Application Notes: CCL4 antibody can be used for detection of CCL4 by Western blot at 1 - 2 µg/mL.

Antibody validated: Western Blot in rat samples, Immunohistochemistry in rat samples and Immunofluorescence in rat samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: CCL4 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: CCL4 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.