

Datasheet for ABIN1077439

anti-CCL4 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	0.1 mg
Target:	CCL4
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CCL4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Rabbit polyclonal CCL4 antibody was raised against a 15 amino acid peptide near the center of human CCL4.
Isotype:	IgG
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	CCL4
Alternative Name:	CCL4 (CCL4 Products)
Background:	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 regulating the trafficking and activation state of selected subgroups of inflammatory cells. While both CCL4

Target Details

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.

Synonyms: C-C motif ligand 4, macrophage inflammatory protein 1-beta, MIP1-beta, MIP1B, MIP1B1, ACT2, AT744.1, G-26, HC21, lymphocyte-activation gene 1, LAG-1, LAG1, SCYA2, SCYA4

Molecular Weight:	10 kDa (calculated)
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Gene ID:	6351
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NCBI Accession:	NP_002975
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Application Details

Application Notes:	CCL4 antibody can be used for detection of CCL4 by Western blot at 1 - 2 µg/mL.
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Comment:	(IN) Chemokine (C-C motif) ligand 4
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	1 mg/mL
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Buffer:	PBS containing 0.02 % Sodium azide.
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Preservative:	Sodium azide
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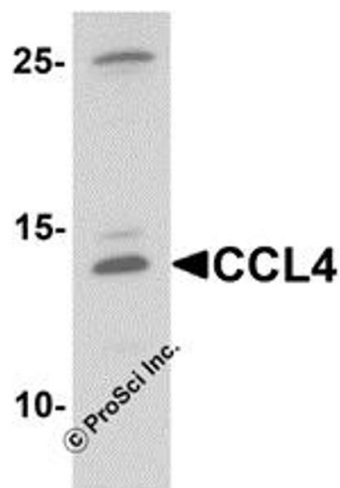
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling Advice:	As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
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Storage:	4 °C
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Storage Comment:	CCL4 antibody can be stored at 4 °C for three months. At -20 °C stable for up to one year.
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Expiry Date:	12 months
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Western Blotting

Image 1.