

Datasheet for ABIN3042607
anti-CCL4 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µg
Target:	CCL4
Binding Specificity:	AA 74-88, C-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCL4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Anti-Macrophage Inflammatory Protein 1 beta/CCL4 Antibody Picoband®
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of mouse CCL4.
Sequence:	CANPSEPWVT EYMSD
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-Macrophage Inflammatory Protein 1 beta/CCL4 Antibody (ABIN3042607). Tested in WB applications. This antibody reacts with Mouse. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.

Product Details

Purification: Immunogen affinity purified.

Target Details

Target: CCL4

Alternative Name: CCL4 ([CCL4 Products](#))

Background: Synonyms: C-C motif chemokine 4, Immune activation protein 2, ACT-2, ACT2, Macrophage inflammatory protein 1-beta, MIP-1-beta, Protein H400, SIS-gamma, Small-inducible cytokine A4, Ccl4, Mip1b, Scya4,
Tissue Specificity: Ubiquitous. Isoform Mdm2-A, isoform Mdm2-B, isoform Mdm2-C, isoform Mdm2-D, isoform Mdm2-E, isoform Mdm2-F and isoform Mdm2-G are observed in a range of cancers but absent in normal tissues.
Background: Chemokine (C-C motif) ligand 4, also known as CCL4, is a protein which in humans is encoded by the CCL4 gene. It is a CC chemokine with specificity for CCR5 receptors. It is a chemoattractant for natural killer cells, monocytes and a variety of other immune cells. CCL4 is a major HIV-suppressive factor produced by CD8+ T cells. Performing-low memory CD8+ T cells that normally synthesize MIP-1-beta. Modi et al. (1991) assigned the SCYA4 gene to a slightly more distal location than had Irving et al. (1990): 17q21-q23 rather than 17q11-q21.
Sequence Similarities: Belongs to the MDM2/MDM4 family.

Molecular Weight: 90 kDa

UniProt: [P14097](#)

Application Details

Application Notes: Western blot, 0.1-0.5 µg/mL, Mouse
1. Irving SG, Zipfel PF, Balke J, McBride OW, Morton CC, Burd PR, Siebenlist U, Kelly K (June 1990). Nucleic Acids Res. 18 (11): 3261-70. 2. Bystry RS, Aluvihare V, Welch KA, Kallikourdis M, Betz AG (December 2001). "B cells and professional APCs recruit regulatory T cells via CCL4". Nat. Immunol. 2 (12): 1126-32. 3. Cocchi F, DeVico AL, Garzino-Demo A, Arya SK, Gallo RC, Lusso P (December 1995). Science (journal) 270 (5243): 1811-5. 4. Kamin-Lewis R, Abdelwahab SF, Trang C, Baker A, DeVico AL, Gallo RC, Lewis GK (July 2001).

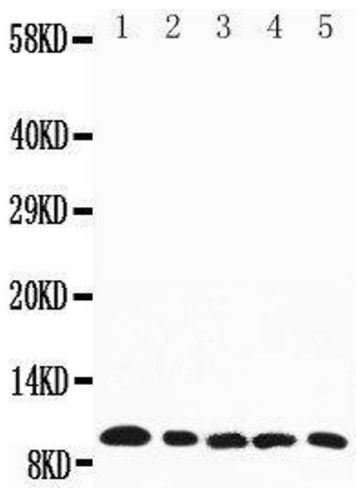
Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB.

Restrictions: For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Thimerosal, 0.05 mg Sodium azide.
Preservative:	Thimerosal (Merthiolate), Sodium azide
Precaution of Use:	This product contains Thimerosal (Merthiolate) and Sodium azide: POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C, -20 °C
Storage Comment:	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

Images



Western Blotting

Image 1.