

Anti-CCL3 Picoband Antibody

Catalog # ABO11746

Product Information

Application	WB, E
Primary Accession	P50229
Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for C-C motif chemokine 3(CCL3) detection. Tested with WB, ELISA in Rat.

Reconstitution Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	25542
Other Names	C-C motif chemokine 3, Macrophage inflammatory protein 1-alpha, MIP-1-alpha, Small-inducible cytokine A3, Ccl3, Mip1a, Scya3
Calculated MW	10335
Application Details	ELISA , 0.1-0.5 μ g/ml, Rat, - Western blot, 0.1-0.5 μ g/ml, Rat
Subcellular Localization	Secreted.
Source	Eukaryota
Protein Name	C-C motif chemokine 3
Contents	Each vial contains 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ . Carrier free (No BSA) form available in stock. If you want this antibody carrier free please specify "Carrier Free" or "No BSA" in your order note. "
Immunogen	E.coli-derived rat CCL3 recombinant protein (Position: A24-A92). Rat CCL3 shares 74% and 91% amino acid (aa) sequences identity with human and mouse CCL3, respectively.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	At -20 °C for one year. After reconstitution, at 4 °C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated

freezing and thawing.

Protein Information

Name	Ccl3
Synonyms	Mip1a, Scya3
Function	Monokine with inflammatory and chemokinetic properties. Binds to CCR1, CCR4 and CCR5. One of the major HIV-suppressive factors produced by CD8+ T-cells. Recombinant MIP-1-alpha induces a dose- dependent inhibition of different strains of HIV-1, HIV-2, and simian immunodeficiency virus (SIV).
Cellular Location	Secreted.

Background

Macrophage inflammatory protein-1 alpha (MIP-1 alpha), also called CCL3, LD78. The cDNA for CCL3 predicts a mature peptide of 69 amino acids with a molecular mass of 7,889 daltons. CCL3 is a member of a newly identified superfamily of small inducible proteins involved in inflammatory responses, wound healing and tumorigenesis. CCL3 is a chemokine that has pro-inflammatory and stem cell inhibitory activities in vitro. It constitutes an important second signal for mast cell degranulation in the conjunctiva in vivo and consequently for acute-phase disease.

Images



Anti-CCL3 Picoband antibody, ABO11746-1.jpgAll lanes:
Anti-CCL3(ABO11746) at 0.5ug/mlWB: Recombinant Rat
CCL3 Protein 0.5ngPredicted bind size: 33KDObserved
bind size: 33KD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.