

Anti-CCL3 Picoband Antibody

Catalog # ABO12257

Product Information

Application	WB, E
Primary Accession	P10147
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for C-C motif chemokine 3(CCL3) detection. Tested with WB, ELISA in Human.

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

Additional Information

Gene ID	6348
Other Names	C-C motif chemokine 3, G0/G1 switch regulatory protein 19-1, Macrophage inflammatory protein 1-alpha, MIP-1-alpha, PAT 464.1, SIS-beta, Small-inducible cytokine A3, Tonsillar lymphocyte LD78 alpha protein, MIP-1-alpha(4-69), LD78-alpha(4-69), CCL3, G0S19-1, MIP1A, SCYA3
Calculated MW	10085
Application Details	ELISA , 0.1-0.5 µg/ml, Human, - Western blot, 0.1-0.5 µg/ml, Human
Subcellular Localization	Secreted.
Source	Eukaryota
Protein Name	C-C motif chemokine 3
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Immunogen	E. coli-derived human CCL3 recombinant protein (Position: S24-A92). Human CCL3 shares 75.8% and 77.3% amino acid (aa) sequence identity with mouse and rat 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

Sequence Similarities

freezing and thawing.
Belongs to the intercrine beta (chemokine CC) family.

Protein Information

Name	CCL3
Synonyms	GOS19-1, 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, ABO12257), Western blotting
All lanes: Anti CCL3 (ABO12257) at 0.5ug/ml
WB: JURKAT Whole Cell Lysate at 40ug
Predicted bind size: 11KD
Observed bind size: 11KD

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