

Anti-CCL13/MCP4 Antibody

Catalog # ABO11754

Product Information

Application	WB, E
Primary Accession	Q99616
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for C-C motif chemokine 13(CCL13) 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	6357
Other Names	C-C motif chemokine 13, CK-beta-10, Monocyte chemoattractant protein 4, Monocyte chemotactic protein 4, MCP-4, NCC-1, Small-inducible cytokine A13, C-C motif chemokine 13, long chain, C-C motif chemokine 13, medium chain, C-C motif chemokine 13, short chain, CCL13, MCP4, NCC1, SCYA13
Calculated MW	10986
Application Details	Western blot, 0.1-0.5 μ g/ml, Human, - ELISA , 0.1-0.5 μ g/ml, Human
Subcellular Localization	Secreted.
Tissue Specificity	Widely expressed. Found in small intestine, thymus, colon, lung, trachea, stomach and lymph node. Low levels seen in the pulmonary artery smooth muscle cells.
Source	Eukaryota
Protein Name	C-C motif chemokine 13
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Immunogen	E.coli-derived human MCP4 recombinant protein (Position: Q24-T98).
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins

Storage	At -20 °C for one year. After r° Constitution, 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.
Sequence Similarities	Belongs to the intercrine beta (chemokine CC) family.

Protein Information

Name	CCL13
Synonyms	MCP4, NCC1, SCYA13
Function	Chemotactic factor that attracts monocytes, lymphocytes, basophils and eosinophils, but not neutrophils. Signals through CCR2B and CCR3 receptors. Plays a role in the accumulation of leukocytes at both sides of allergic and non-allergic inflammation. May be involved in the recruitment of monocytes into the arterial wall during the disease process of atherosclerosis. May play a role in the monocyte attraction in tissues chronically exposed to exogenous pathogens.
Cellular Location	Secreted.
Tissue Location	Widely expressed. Found in small intestine, thymus, colon, lung, trachea, stomach and lymph node. Low levels seen in the pulmonary artery smooth muscle cells

Background

Chemokine (C-C motif) ligand 13 (CCL13) is a small cytokine belonging to the CC chemokine family. Its gene is located on human chromosome 17 within a large cluster of other CC chemokines. CCL13 induces chemotaxis in monocytes, eosinophils, T lymphocytes, and basophils by binding cell surface G-protein linked chemokine receptors such as CCR2, CCR3 and CCR5. Activity of this chemokine has been implicated in allergic reactions such as asthma. CCL13 can be induced by the inflammatory cytokines interleukin-1 and TNF-alpha.

Images



Anti-MCP4 Picoband antibody, ABO11754-1.jpgAll lanes:
Anti-MCP4(ABO11754) at 0.5ug/mlWB: Recombinant
Human MCP4 Protein 0.5ngPredicted bind size:
34KDObserved bind size: 34KD

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