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MCP4 Rabbit pAb

Catalog # AP98180

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q99616
Other Accession	Q99616
Predicted	Human, Rabbit, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	10986
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CCL13
Epitope Specificity	51-98/98
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the intercrine beta (chemokine CC) family.
Post-translational modifications	One major form (form long), and two minor forms (short chain and medium chain) are produced by differential signal peptide cleavage. The medium chain is about 30-fold less active than the long chain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene is one of several Cys-Cys (CC) cytokine genes clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity for monocytes, lymphocytes, basophils and eosinophils, but not neutrophils. This chemokine plays a role in accumulation of leukocytes during inflammation. It may also be involved in the recruitment of monocytes into the arterial wall during artherosclerosis. [provided by RefSeq].

Additional Information

Gene ID	6357
Other Names	CKb10; MCP-4; NCC-1; NCC1; SCYA13; SCYL1; CCL13_HUMAN; CCL13; CK-beta-10; Monocyte chemoattractant protein 4; Monocyte chemotactic protein 4 (MCP-4); Small-inducible cytokine A13; MCP4; C-C motif chemokine ligand 13; small inducible cytokine subfamily A (Cys-Cys), member 13; chemokine (C-C motif) ligand 13
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody

is stable for at least two weeks at 2-4 °C.

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

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