

ARG56687 anti-MIP4 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes MIP4
Tested Reactivity	Hu
Tested Application	ELISA, Neut, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MIP4
Species	Human
Immunogen	E.coli derived Recombinant Human MIP-4 (CCL18). (QVGTNKELCC LVYTSWQIPQ KFLVDYSETS PQCPKPGVIL LTKRGRQICA DPNKKVWQKY ISDLKLNA)
Conjugation	Un-conjugated
Alternate Names	Small-inducible cytokine A18; 3-69; PARC; Alternative macrophage activation-associated CC chemokine 1; Macrophage inflammatory protein 4; SCYA18; Dendritic cell chemokine 1; CC chemokine PARC; 4-69; 1-68; C-C motif chemokine 18; DC-CK1; AMAC1; Pulmonary and activation-regulated chemokine; AMAC-1; DCCK1; MIP-4; CKb7

Application Instructions

Application table	Application	Dilution
	ELISA	Sandwich: 0.5 - 2.0 µg/ml with ARG56796 as a detection antibody
	Neut	8.0 - 10.0 µg/ml (To yield [ND50] of the biological activity of hMIP - 4 (100.0 ng/ml))
	WB	0.1 - 0.2 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.2)
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

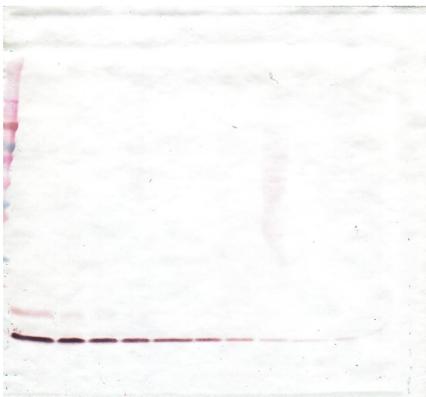
Database links	GeneID: 6362 Human Swiss-port # P55774 Human
Gene Symbol	CCL18
Gene Full Name	chemokine (C-C motif) ligand 18 (pulmonary and activation-regulated)
Background	This antimicrobial gene is one of several Cys-Cys (CC) cytokine genes clustered on the q arm of chromosome 17. Cytokines are a family 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 naive T cells, CD4+ and CD8+ T cells and nonactivated lymphocytes, but not for monocytes or granulocytes. This chemokine attracts naive T lymphocytes toward dendritic cells and activated macrophages in lymph nodes. It may play a role in both humoral and cell-mediated immunity responses. [provided by RefSeq, Sep 2014]
Function	Chemotactic factor that attracts lymphocytes but not monocytes or granulocytes. May be involved in B-cell migration into B-cell follicles in lymph nodes. Attracts naive T-lymphocytes toward dendritic cells and activated macrophages in lymph nodes, has chemotactic activity for naive T-cells, CD4+ and CD8+ T-cells and thus may play a role in both humoral and cell-mediated immunity responses. [UniProt]
Calculated Mw	10 kDa
PTM	The Cys-30/Cys-54 disulfide bond is required for activity.

Images



ARG56687 anti-MIP4 antibody WB image

Western blot: 250 - 0.24 ng of Human MIP-4 stained with ARG56687 anti-MIP4 antibody, under reducing conditions.



ARG56687 anti-MIP4 antibody WB image

Western blot: 250 - 0.24 ng of Human MIP-4 stained with ARG56687 anti-MIP4 antibody, under non-reducing conditions.