

Datasheet for ABIN116177 **anti-CCL18 antibody (Biotin)**



[Go to Product page](#)

Overview

Quantity:	25 µg
Target:	CCL18
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCL18 antibody is conjugated to Biotin
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Highly pure (>98%) recombinant hMIP-4.
Specificity:	Specific for human Macrophage Inflammatory Protein-4 (hMIP-4) (PARC).
Purification:	Affinity chromatography.

Target Details

Target:	CCL18
Alternative Name:	MIP4 / CCL18 (CCL18 Products)
Background:	This chemotactic factor that attracts lymphocytes but not monocytes or granulocytes may be involved in B cell migration into B cell follicles in lymph nodes. It 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. It is expressed at high levels in lung, lymph nodes, placenta, and

Target Details

bone marrow, not expressed by peripheral blood monocytes, and a monocyte-to-macrophage differentiation is a prerequisite for expression. Specifically induced in macrophages by IL4, IL13, and IL10, it belongs to the intercrine beta (chemokine CC) family. Synonyms: AMAC1, Alternative macrophage activation-associated CC chemokine 1, C-C motif chemokine 18, CC chemokine PARC, DCCCK1, Dendritic cell chemokine 1, MIP-4, Macrophage inflammatory protein 4, PARC, Pulmonary and activation-regulated chemokine, SCYA18, Small-inducible cytokine A18

Gene ID:	6362
NCBI Accession:	NP_002979
UniProt:	P55774

Application Details

Application Notes:	ELISA: To detect hMIP-4 by direct ELISA (using 100 l/well antibody solution) this antibody can be used at a concentration of 0.15 - 0.30 µg/mL. Used in conjunction with compatible secondary reagents, allows the detection of at least 0.2 ng/well of recombinant hMIP-4. Western Blot: To detect hMIP-4 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hMIP-4 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
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Restrictions:	For Research Use only
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Handling

Reconstitution:	Restore in sterile PBS containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL.
Buffer:	PBS, pH 7.2 without preservatives.
Preservative:	Without preservative
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody prior to reconstitution at -20 °C. Following reconstitution the antibody can be stored at 2-8 °C for one month or at -20 °C for longer.