



Anti-CCL18 polyclonal antibody [Biotin] (DPABY-435)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Pulmonary and activation-regulated chemokine (PARC), also known as alternative macrophage activation-associated CC chemokine (AMAC)-1, macrophage inflammatory protein (MIP)-4, and dendritic cell chemokine (DC-CK1), is a novel CC chemokine that is highly homologous to MIP-1 alpha (61% amino acid sequence identity). In vitro, PARC mRNA expression is induced in alternatively activated macrophages by Th2 cytokines such as IL-4, IL-10 and IL-13, and inhibited by IFN-gamma.
Specificity	Detects human CCL18/PARC in ELISAs and Western blots. In sandwich ELISAs, less than 0.1% cross-reactivity with recombinant human (rh) HCC-1, rhMIP-1, rhMIP-1 alpha, recombinant mouse (rm) MIP-1 alpha, rhMIP-1 beta, rmMIP-1 beta, recombinant viral (rv) MIP-I, rvMIP-II, and rhMIP-1 delta is observed.
Immunogen	E. coli-derived recombinant human CCL18/PARC. Ala21-Ala89 Accession Number P55774
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, ELISA Detection (Matched Pair), Intracellular Staining by Flow Cytometry
Format	Liquid
Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.

Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	CCL18 chemokine (C-C motif) ligand 18 (pulmonary and activation-regulated) [Homo sapiens (human)]
Official Symbol	CCL18
Synonyms	CCL18; chemokine (C-C motif) ligand 18 (pulmonary and activation-regulated); CKb7; PARC; AMAC1; DCCK1; MIP-4; AMAC-1; DC-CK1; SCYA18; C-C motif chemokine 18; CC chemokine PARC; CC chemokine ligand 18; chemokine (C-C), dendritic; dendritic cell chemokine 1
Entrez Gene ID	6362
Protein Refseq	NP_002979
UniProt ID	P55774
Chromosome Location	17q11.2
Pathway	Chemokine signaling pathway; Cytokine-cytokine receptor interaction;
Function	chemokine activity; protein binding;