



Anti-CCL5 polyclonal antibody [Biotin] (DPABY-440)

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

PRODUCT INFORMATION

Antigen Description	RANTES, also known as CCL5 and SISd, is a chemokine that belongs to the CC chemokine subfamily. It is a secreted polypeptide produced by a wide variety of epithelial and mesodermal cell types and is involved in both cellular and humoral immunity.
Specificity	Detectshuman CCL5/RANTES in ELISAs and Western blots. In sandwich immunoassays, approximately 12%cross-reactivity with rmCCL5 is observed and less than 0.05%cross-reactivity with rhIL-8, rhGRO alpha, rhMCP-1, rhMIP-1 alpha and rhMIP-1 beta is observed.
Immunogen	E. coli-derived recombinant human CCL5/RANTES . Ser25-Ser91 Accession Number P13501
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, ELISA Detection (Matched Pair)
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	CCL5 chemokine (C-C motif) ligand 5 [Homo sapiens (human)]
Official Symbol	CCL5
Synonyms	CCL5; chemokine (C-C motif) ligand 5; SISd; eoCP; SCYA5; RANTES; TCP228; D17S136E; SIS-delta; C-C motif chemokine 5; beta-chemokine RANTES; T-cell specific protein p288; eosinophil chemotactic cytokine; small inducible cytokine subfamily A (Cys-Cys), memb
Entrez Gene ID	6352
Protein Refseq	NP_001265665
UniProt ID	D0EI67
Chromosome Location	17q12
Pathway	Chagas disease (American trypanosomiasis); Chemokine receptors bind chemokines; Chemokine signaling pathway; Class A/1 (Rhodopsin-like receptors); Cytokine-cytokine receptor interaction; Cytosolic DNA-sensing pathway; EBV LMP1 signaling; Epithelial cell s
Function	CCR1 chemokine receptor binding; CCR4 chemokine receptor binding; CCR5 chemokine receptor binding; chemoattractant activity; chemokine activity; chemokine receptor antagonist activity; chemokine receptor binding; phosphatidylinositol phospholipase C activ