



Anti-CCL5 polyclonal antibody [Biotin] (DPABY-403)

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	Detects mouse CCL5/RANTES in ELISAs and Western blots. In sandwich immunoassays, approximately 1% cross-reactivity with recombinant human (rh) CCL5 is observed and less than 0.1% cross-reactivity with recombinant mouse VIC, rhVIC, and rhTECK is observed.
Immunogen	E. coli-derived recombinant mouse CCL5/RANTES
Isotype	IgG
Source/Host	Goat
Species Reactivity	Mouse
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 [Mus musculus (house mouse)]
Official Symbol	CCL5
Synonyms	CCL5; chemokine (C-C motif) ligand 5; SISd; Scya5; RANTES; TCP228; MuRantes; C-C motif chemokine 5; SIS-delta; small inducible cytokine A5; small-inducible cytokine A5; T-cell-specific protein RANTES;
Entrez Gene ID	20304
Protein Refseq	NP_038681
UniProt ID	P30882
Chromosome Location	11 C; 11 50.66 cM
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; G alpha (i) signa
Function	CCR1 chemokine receptor binding; CCR5 chemokine receptor binding; chemoattractant activity; chemokine activity; chemokine receptor antagonist activity; chemokine receptor binding; cytokine activity; heparin binding; phosphatidylinositol phospholipase C ac