



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

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Specificity</b>	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.
<b>Immunogen</b>	E. coli-derived recombinant mouse CCL5/RANTES
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Mouse
<b>Purification</b>	Antigen Affinity-purified
<b>Conjugate</b>	Biotin
<b>Applications</b>	Western Blot, ELISA Detection (Matched Pair)
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
<b>Preservative</b>	None

<b>Storage</b>	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

<b>Gene Name</b>	<a href="#">Ccl5 chemokine (C-C motif) ligand 5 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	CCL5
<b>Synonyms</b>	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;
<b>Entrez Gene ID</b>	<a href="#">20304</a>
<b>Protein Refseq</b>	<a href="#">NP_038681</a>
<b>UniProt ID</b>	<a href="#">P30882</a>
<b>Chromosome Location</b>	11 C; 11 50.66 cM
<b>Pathway</b>	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
<b>Function</b>	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