



# Anti-CCL5 polyclonal antibody [Biotin] (DPABY-675)

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 feline RANTES in ELISAs and Western blots. In sandwich immunoassays, less than 0.02% cross-reactivity with recombinant human RANTES, recombinant mouse RANTES, and recombinant cotton rat RANTES is observed.
<b>Immunogen</b>	E. coli-derived recombinant feline CCL5/RANTES
<b>Isotype</b>	IgG
<b>Source/Host</b>	Sheep
<b>Species Reactivity</b>	Cat
<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 phosphate-buffered saline (PBS) containing 50 µg of bovine serum albumin (BSA) per 1 µg of antibody.
<b>Preservative</b>	None

<b>Storage</b>	Lyophilized samples are stable for twelve months from date of receipt when stored at -20 °C to -70 °C. Upon reconstitution, the antibody can be stored at 2 °C to - 8 °C for 1 month without detectable loss of activity. Reconstituted antibody can also be aliquotted and stored frozen at -20 °C to -70 °C in a manual defrost freezer for six months without detectable loss of activity. Avoid repeated freeze-thaw cycles.
----------------	--

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CCL5 chemokine (C-C motif) ligand 5 [ Felis catus (domestic cat) ]</a>
<b>Official Symbol</b>	CCL5
<b>Synonyms</b>	CCL5; RANTES; C-C motif chemokine 5; small inducible cytokine A5; small-inducible cytokine A5; T-cell-specific protein RANTES;
<b>Entrez Gene ID</b>	<a href="#">493689</a>
<b>Protein Refseq</b>	<a href="#">NP_001009827</a>
<b>UniProt ID</b>	<a href="#">Q8SQ40</a>
<b>Chromosome Location</b>	chromosome: E1
<b>Pathway</b>	Chagas disease (American trypanosomiasis); Chemokine signaling pathway; Cytokine-cytokine receptor interaction; Cytosolic DNA-sensing pathway; Herpes simplex infection; Influenza A; NOD-like receptor signaling pathway; Prion diseases;