



Anti-CCL5 polyclonal antibody (CPBT-65253RM)

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

PRODUCT INFORMATION

Product Overview	Rabbit anti Mouse RANTES antibody recognizes mouse RANTES, also known as CCL5. RANTES is expressed by circulating T cells and T cells in culture. RANTES is chemotactic for peripheral blood monocytes.
Specificity	CCL5
Immunogen	Recombinant mouse RANTES
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Conjugate	Unconjugated
Applications	ELISA; FA; WB
Format	Purified IgG - lyophilised
Size	100 µg
Preservative	None
Storage	in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. For long term storage the addition of 0.09% sodium azide is recommended. N.B. For functional studies do not add azide.

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; Defective ACTH causes Obesity and Pro-opiomelanocortinin deficiency (POMCD); Disease;
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 activity; phospholipase activator activity; protein homodimerization activity; protein kinase activity; protein self-association; receptor signaling protein tyrosine kinase activator activity;