



Anti-CCL5 monoclonal antibody, clone 32529 (DCABY-3941)

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 human CCL5/RANTES in direct ELISAs and Western blots. When used in combination with the biotinylated anti-human CCL5/RANTES detection antibody in sandwich ELISAs, no significant cross-reactivity or interference is observed with recombinant human (rh) ANG, rhCNTF, rh beta -ECGF, rhEGF, mouse (m)EGF, rhEpo, bovine (b) FGF acidic, rhFGF acidic, bFGFbasic, rhFGFbasic, rhFGF-4, rhG-CSF, rhGM-CSF, recombinant mouse (rm) GM-CSF, rhGRO alpha, rhIFN-gamma, rhIGF-I, rhIGF-II, rhIL-1 alpha, rmIL-1 alpha, rhIL-1 beta, rmIL-1 beta, rhIL-1ra, recombinant rat (rr) IL-1ra, rhIL-2, rhIL-3, rmIL-3, rmIL-4, rhIL-5, rmIL-5, rhIL-6, rmIL-6, rhIL-7, rmIL-7, rhIL-8, rhIL-9, rmIL-9, rhIL-10, rhIL-11, rhLIF, rhMCP-1, rhM-CSF, rhMIP-1 alpha, rmMIP-1 alpha, rhMIP-1 beta, rmMIP-1 beta, rhOSM, human (h) PDGF, pPDGF, rhPDGF-AA, rhPDGF-AB, rhPDGF-BB, rhSCF, rmSCF, rhSLPI, rhTGF-alpha, pTGF-beta 1, hTGF-beta 1, rhTGF-beta 1, pTGF-beta 2, rhTGF-beta 2, recombinant canine TGF-beta 3, rhTGF-beta 3, recombinant amphibian TGF-beta 5, rhTNF-alpha, rmTNF-alpha, orrmTNF-beta.
Immunogen	E. coli-derived recombinant human CCL5/RANTES
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	32529
Purification	Protein A or G purified from hybridoma culture supernatant

Conjugate	Unconjugated
Applications	Western Blot, ELISA Capture (Matched Pair), Neutralization
Format	Liquid
Size	500 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
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