

Purified anti-RANTES (CCL5) Antibody

Catalog# / Size	515502 / 100 µg
Clone	VL1
Regulatory Status	RUO
Other Names	CCL5, C-C motif chemokine 5, Small-inducible cytokine A5, T-cell-specific protein RANTES, SIS-delta, T cell-specific protein P228, TCP228, Eosinophil-chemotactic cytokine, EoCP
Isotype	Mouse IgG2b, κ
Description	RANTES (CCL5) is a member of the CC chemokine family. Its mature form consists of 68 amino acid residues. RANTES is a strong chemoattractant for monocytes, NK cells, T cells, and eosinophils. RANTES may have important role in mediating immune and inflammatory responses.

Product Details

Verified Reactivity	Human
Reported Reactivity	Rhesus
Antibody Type	Monoclonal
Host Species	Mouse
Formulation	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Preparation	The antibody was purified by affinity chromatography.
Concentration	0.5 mg/ml
Storage & Handling	The antibody solution should be stored undiluted between 2°C and 8°C.
Application	WB - Quality tested IHC , ELISA - Reported in the literature, not verified in house
Recommended Usage	Each lot of this antibody is quality control tested by Western blotting . For Western blotting, the suggested use of this reagent is 0.25 to 1.0 µg per ml. It is recommended that the reagent be titrated for optimal performance for each application.
Application References (PubMed link indicates BioLegend citation)	1. Krensky AM, <i>et al.</i> 1997. <i>Methods Enzymol.</i> 287:162.
RRID	AB_2071299 (BioLegend Cat. No. 515502)

Antigen Details

Structure	Human RANTES cDNA is a member of the C-C chemokine family with a MW of around 8 kD. Human and mouse RANTES have 85% homology.
Distribution	Reported to be produced by T cells, platelets, synovial fibroblasts, and some tumor cells.
Function	Able to chemoattract monocytes, NK cells, eosinophils, and T cells.
Interaction	Monocytes, NK cells, T cells, and eosinophils.
Cell Type	Fibroblasts, Platelets, T cells
Biology Area	Cell Biology, Immunology, Innate Immunity, Neuroinflammation, Neuroscience

Molecular Family	Cytokines/Chemokines
Antigen References	1. Von Luetichau. <i>et al.</i> 1996. <i>Cytokine</i> 8:89. 2. Schall T.J. 1991. <i>Cytokine</i> 3:165.
Gene ID	20304

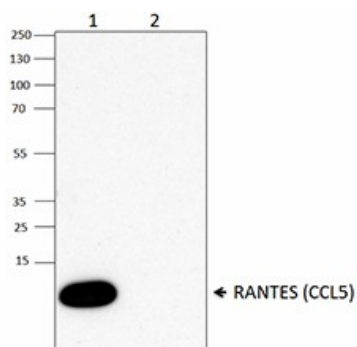
Related Protocols

[Western Blotting Protocol](#)

Other Formats

Purified anti-RANTES (CCL5), PE anti-human RANTES (CCL5), Alexa Fluor® 647 anti-human RANTES (CCL5), PerCP/Cyanine5.5 anti-RANTES (CCL5)

Product Data



Western blot analysis of 50 ng recombinant human CCL5 (RANTES, carrier-free) (lane 1) and recombinant mouse CCL5 (RANTES, carrier-free) (lane 2) using anti-RANTES (CCL5) (clone VL1) antibody followed by HRP goat anti-mouse IgG (minimal x-reactivity) secondary antibody.

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