

Rabbit RANTES Polyclonal Antibody | anti-CCL5 antibody

RABBIT ANTI HUMAN RANTES

CATALOG # AAA49937	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Functional Assay, ELISA
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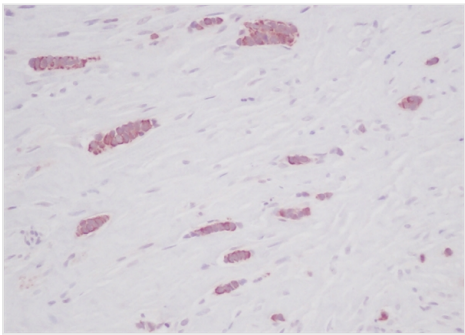
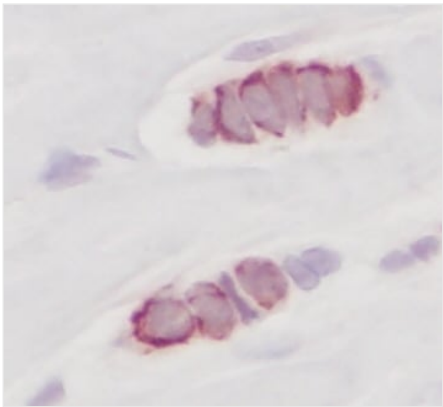
PRODUCT SYNONYMS

RANTES; Polyclonal Antibody; RABBIT ANTI HUMAN RANTES; anti-CCL5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Form/Format	Purified Purified IgG - lyophilised
Concentration	IgG concentration 1.0 mg/ml after reconstitution (varies by lot)
Sequence Length	91
Applicable Applications for anti-CCL5 antibody	WB (Western Blot), IHC (Immunohistochemistry), FA (Functional Assay), ELISA
Reconstitution	Reconstitute with 0.1 ml distilled water. For long term storage the addition of 0.09% sodium azide is recommended. NB: For functional studies do not add azide.
Buffer Solution	Phosphate buffered saline
Antiserum Preparation	Antisera to human RANTES were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared by antigen affinity chromatography.
Target Species	Human
Preparation and Storage	Prior to reconstitution store at 4 degree C. Following reconstitution store at -20 degree C. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 12 months from date of reconstitution.

IMAGES



Application Data
Staining of formalin fixed, paraffin embedded human breast invasive ductal carcinoma with Rabbit anti Human RANTES (AAA49937) following heat mediated antigen retrieval using sodium citrate buffer (pH6.0)

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ADDITIONAL INFORMATION

Related Product Information for anti-CCL5 antibody	Rabbit anti Human RANTES antibody recognizes human RANTES (regulated upon activation, normal T cell expressed and secreted), otherwise known as CCL5, a 68 amino acid CC- chemokine involved in T cell activation and cell recruitment, expressed by cytotoxic (CD8+) T cells (CTLs), macrophages, keratinocytes and endothelial cells. RANTES acts as a chemoattractant for monocytes, CD4+/CD45RO+ memory T cells, basophils and eosinophils, thorough binding to chemokine (C-C motif) receptor 1 (CCR1), CCR3 and CCR5. Both CCR3 and CCR5 are known co-receptors for the entry of HIV viruses into target cells and the binding of RANTES to CCR3 on CTLs has been shown to enhance HIV-1-specific cytotoxicity, whilst binding to CCR5 inhibits membrane fusion and hence HIV entry.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	22538814
NCBI GeneID	6352
NCBI Accession #	NP_002976.2
NCBI GenBank Nucleotide #	NM_002985.2
UniProt Accession #	P13501; O43646; Q0QVW8; Q4ZGJ1; Q9NYA2; Q9UBG2; Q9UC99
Molecular Weight	9,990 Da
NCBI Official Full Name	C-C motif chemokine 5 isoform 1
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 5
NCBI Official Symbol	CCL5
NCBI Official Synonym Symbols	SISd; eoCP; SCYA5; RANTES; TCP228; D17S136E; SIS-delta
NCBI Protein Information	C-C motif chemokine 5; T-cell specific protein p288; beta-chemokine RANTES; eosinophil chemotactic cytokine; regulated upon activation, normally T-expressed, and presumably secreted; small inducible cytokine subfamily A (Cys-Cys), member 5
UniProt Protein Name	C-C motif chemokine 5
UniProt Gene Name	CCL5
UniProt Synonym Gene Names	D17S136E; SCYA5; TCP228
UniProt Entry Name	CCL5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/rantes-antibody-western-blot-immunohistochemistry-functional-assay-elisa/49937>