

Rabbit CCR3 Polyclonal Antibody | anti-CCR3 antibody

CCR3 Antibody (Center)

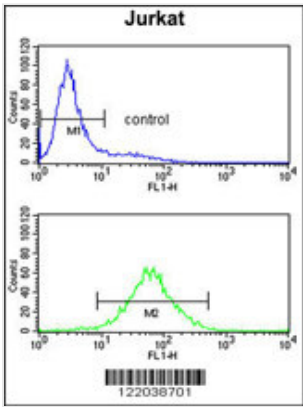
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289218	Rabbit	Human (Predicted Reactivity: Monkey)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

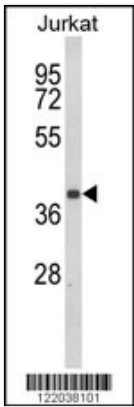
CCR3; Polyclonal Antibody; CCR3 Antibody (Center); C-C chemokine receptor type 3; C-C CKR-3; CC-CKR-3; CCR-3; CKR3; Eosinophil eotaxin receptor; CD193; CMKBR3; anti-CCR3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Monkey)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CCR3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 291-318 amino acids from the Central region of human CCR3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	291-318
Sequence Length	355
Applicable Applications for anti-CCR3 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	Human
Function	Receptor for C-C type chemokine. Binds and repsonds to a variety of chemokines, including CCL11, CCL26, CCL7, CCL13, RANTES (CCL5) and CCL15. Subsequently transduces a signal by increasing the intracellular calcium ions level. In addition acts as a possible functional receptor for NARS1.
Cellular Location	Cell membrane; Multi-pass membrane protein
Tissue Location	In eosinophils as well as trace amounts in neutrophils and monocytes.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
CCR3 Antibody (Center) AAA289218 flow cytometry analysis of Jurkat cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of CCR3 Antibody (Center) AAA289218 in Jurkat cell line lysates (35ug/lane). CCR3 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CCR3 antibody	CCR3 is a receptor for C-C type chemokines. It belongs to family 1 of the G protein-coupled receptors. This receptor binds and responds to a variety of chemokines, including eotaxin (CCL11), eotaxin-3 (CCL26), MCP-3 (CCL7), MCP-4 (CCL13), and RANTES (CCL5). It is highly expressed in eosinophils and basophils, and is also detected in TH1 and TH2 cells, as well as in airway epithelial cells. This receptor may contribute to the accumulation and activation of eosinophils and other inflammatory cells in the allergic airway. It is also known to be an entry co-receptor for HIV-1.
Product Categories/Family for anti-CCR3 antibody	Immunology; Signal Transduction; GPCR Antibodies
References	Ponath,P.D., et.al., J. Clin. Invest. 97 (3), 604-612 (1996)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502637
NCBI GeneID	1232
NCBI Accession #	NP_001828.1; NP_847898.1; NP_847899.1
NCBI GenBank Nucleotide #	NM_001837.3
UniProt Accession #	P51677; Q15748; Q2YDB9; Q86WD2; Q8TDP6; Q9ULY8; B3KVQ1; F5GWL6
Molecular Weight	41044
NCBI Official Full Name	C-C chemokine receptor type 3 isoform 1
NCBI Official Synonym Full Names	chemokine (C-C motif) receptor 3
NCBI Official Symbol	CCR3
NCBI Official Synonym Symbols	CKR3; CD193; CMKBR3; CC-CKR-3
NCBI Protein Information	C-C chemokine receptor type 3
UniProt Protein Name	C-C chemokine receptor type 3
UniProt Gene Name	CCR3
UniProt Synonym Gene Names	CMKBR3; C-C CKR-3; CC-CKR-3; CCR-3; CCR3; CKR3
UniProt Entry Name	CCR3_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/ccr3-antibody-flow-cytometry-western-blot-elisa/289218>