

Rabbit anti-Mouse, Rat CD193 Polyclonal Antibody | anti-CD193 antibody

RABBIT ANTI HUMAN CD193

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA49912	Rabbit	Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

CD193; Polyclonal Antibody; RABBIT ANTI HUMAN CD193; anti-CD193 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 0.5mg/ml (varies by lot)
Sequence Length	376
Applicable Applications for anti-CD193 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry)
Perservative Stabilisers	0.02% Sodium Azide (NaN ₃)
Histology Positive Control Tissue	Human spleen. Buffer Solution
Antiserum Preparation	Antisera to human CD193 were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data

Formalin fixed, paraffin embedded normal human spleen stained with Rabbit anti Human CD193 (AAA49912) following heat mediated antigen retrieval using sodium citrate buffer (pH6.0)



Application Data

Western blot analysis on normal human spleen lysate probed with Rabbit anti Human CD193 (AAA49912)

ADDITIONAL INFORMATION

Related Product Information for anti-CD193 antibody	Rabbit anti Human CD193 antibody recognizes human CD193, otherwise known as CC chemokine receptor 3 (CCR3), a seven-helix transmembrane G-protein coupled receptor which, along with CCR5 and CXCR4, acts as a principal receptor for the fusion and entry of HIV into target cells. CD193 is expressed by eosinophils, basophils, mast cells, microglia, Th2 helper cells and some epithelial cells. CD193 acts as a receptor for several CC chemokines including monocyte chemoattractant proteins (MCP) -1, -2, -3 and -4, MIP-1a, MIP-1beta, and RANTES. The eotaxin subgroup of CC chemokines act as specific agonists for CD193, and this interaction has become a focus area for studies into the infection of microglia by HIV (He, J. et al. 1997) and allergy research (Holse, M. et al. 2006). Rabbit anti Human CD193 antibody has been used successfully for the detection of human CD193 by immunohistochemistry on formalin fixed, paraffin embedded intervertebral disc tissue (Gruber et al. 2014).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502637
NCBI GeneID	1232
NCBI Accession #	NP_001828.1
NCBI GenBank Nucleotide #	NM_001837.3
UniProt Accession #	P51677; Q15748; Q2YDB9; Q86WD2; Q8TDP6; Q9ULY8; B3KVQ1; F5GWL6
Molecular Weight	43,453 Da
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; C-C CKR-3; CC chemokine receptor 3; CCR-3; b-chemokine receptor; eosinophil CC chemokine receptor 3; eosinophil eotaxin receptor
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cd193-antibody-western-blot-immunohistochemistry-immunofluorescence-immunohistochemistry-elisa/49912>