

Rabbit anti-Human C5AR1 Polyclonal Antibody | anti-C5AR1 antibody

C5AR1 Antibody (Center)

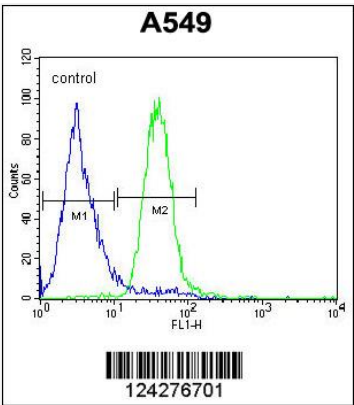
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289392	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

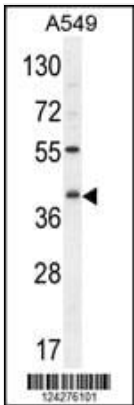
C5AR1; Polyclonal Antibody; C5AR1 Antibody (Center); C5a anaphylatoxin chemotactic receptor 1; C5a anaphylatoxin chemotactic receptor; C5a-R; C5aR; CD88; C5AR; C5R1; anti-C5AR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This C5AR1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 175-201 amino acids from the Central region of human C5AR1.
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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	175-201
Sequence Length	350
Applicable Applications for anti-C5AR1 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
C5AR1 Antibody (Center) flow cytometric analysis of A549 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
C5AR1 Antibody (Center) western blot analysis in A549 cell line lysates (35ug/lane).This demonstrates the C5AR1 antibody detected the C5AR1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-C5AR1 antibody	Receptor for the chemotactic and inflammatory peptide anaphylatoxin C5a. This receptor stimulates chemotaxis, granule enzyme release and superoxide anion production.
Product Categories/Family for anti-C5AR1 antibody	Immunology; Metabolism; Signal Transduction; Phospho Antibodies
References	Skeie, J.M., et al. Invest. Ophthalmol. Vis. Sci. 51(10):5336-5342(2010) Nishiura, H., et al. Apoptosis 15(8):966-981(2010) Han, S., et al. Hum. Immunol. 71(7):727-730(2010) Marc, M.M., et al. Scand. J. Immunol. 71(5):386-391(2010) Rajaraman, P., et al. Cancer Epidemiol. Biomarkers Prev. 19(5):1356-1361(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502509
NCBI GeneID	728
NCBI Accession #	NP_001727.1
NCBI GenBank Nucleotide #	NM_001736.3
UniProt Accession #	P21730
Molecular Weight	39336
NCBI Official Full Name	C5a anaphylatoxin chemotactic receptor 1
NCBI Official Synonym Full Names	complement component 5a receptor 1
NCBI Official Symbol	C5AR1
NCBI Official Synonym Symbols	C5A; C5AR; C5R1; CD88
NCBI Protein Information	C5a anaphylatoxin chemotactic receptor 1
UniProt Protein Name	C5a anaphylatoxin chemotactic receptor 1
UniProt Gene Name	C5AR1
UniProt Synonym Gene Names	C5AR; C5R1; C5a-R; C5aR
UniProt Entry Name	C5AR1_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://stage.aaabiotech.com/polyclonal/c5ar1-antibody-flow-cytometry-western-blot-elisa/289392>