

Mouse CD88 Monoclonal Antibody | anti-CD88 antibody

Mouse Anti Human CD88: FITC

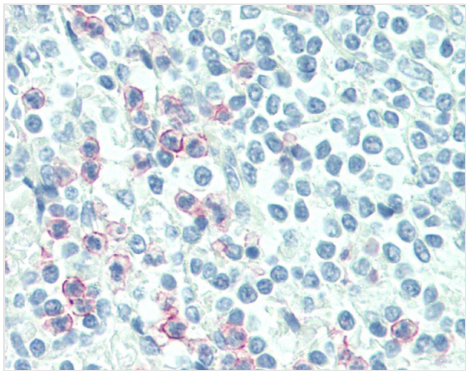
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50328	Mouse	Human, Rabbit, Bovine, Ferret, Mink Predicted: Mustelid	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD88; Monoclonal Antibody; Mouse Anti Human CD88: FITC; CD88 antibody (S5/1); Mouse anti Human CD88; anti-CD88 antibody

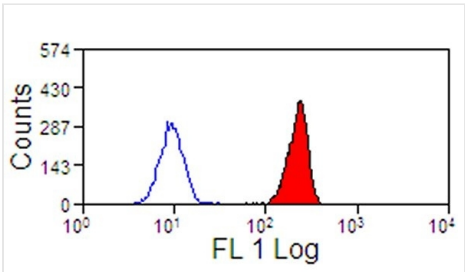
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rabbit, Bovine, Ferret, Mink Predicted: Mustelid
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	S5/1
Purity/Purification	Purified IgG prepared by affinity chromatography on Protein G
Form/Format	Phosphate Buffered Saline
Sequence Length	350
Applicable Applications for anti-CD88 antibody	FCM/FACS (Flow Cytometry)
Immunogen	C5aR-peptide: Met1-Asn31.
Conjugation	FITC
Carrier Free	Yes
Fusion Partners	Spleen cells from immunised BALB/c mice were fused with cells of the X63-Ag8 myeloma cell line.
Preservative Stabilizers	Pack Size: 25 ug 0.09% Sodium Azide Pack Size: 0.2 mg 0.09% Sodium Azide (NaN3)
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.



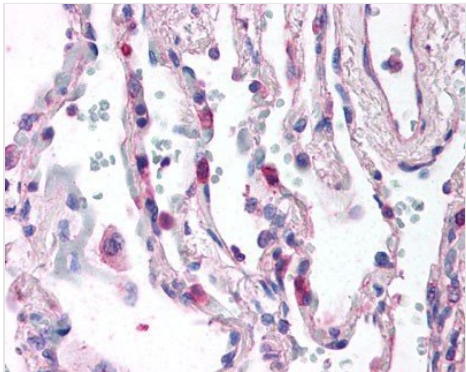
Application Data

FFPE human spleen stained with Mouse Anti-Human CD88 antibody, clone S5/1, biotinylated Anti-Mouse IgG and Streptavidin Alkaline Phosphatase (red). Nuclei were counterstained with hematoxylin.



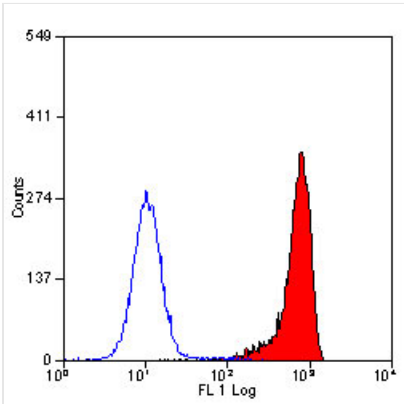
Application Data

Staining of human peripheral blood granulocytes with Low endotoxin Mouse anti Human CD88 antibody, clone S5/1 followed by Rabbit F(ab')₂ anti Mouse IgG:FITC .



Application Data

Staining of paraffin embedded human lung with Mouse anti Human CD88 antibody, clone S5/1 .



Application Data

Staining of human peripheral blood granulocytes with Mouse anti Human CD88 antibody, clone S5/1 .

ADDITIONAL INFORMATION

Related Product Information for anti-CD88 antibody	Mouse anti Human CD88 antibody, clone S5/1 recognizes the C5a receptor (C5aR) CD88, which is predominantly expressed on cells of the myeloid lineage. Clone S5/1 was raised against a synthetic peptide comprising the N-terminal extracellular domain of the C5aR (met1-Asn31) and has recently been shown to recognise the heptameric peptide (D15DKDTLD21). Clone S5/1 has been shown to inhibit the binding of C5a to its receptor.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502509
NCBI GeneID	728
NCBI Accession #	NP_001727.1
NCBI GenBank Nucleotide #	NM_001736.3
UniProt Accession #	P21730
NCBI Official Full Name	C5a anaphylatoxin chemotactic receptor 1
NCBI Official Synonym Full Names	complement C5a 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
UniProt Gene Name	C5AR1
UniProt Synonym Gene Names	C5AR; C5R1; C5a-R; C5aR
UniProt Entry Name	C5AR_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/monoclonal/cd88-antibody-clone-s5-1-flow-cytometry-elisa/50328>