

Rat CD88 Monoclonal Antibody | anti-CD88 antibody

RAT ANTI MOUSE CD88:Biotin

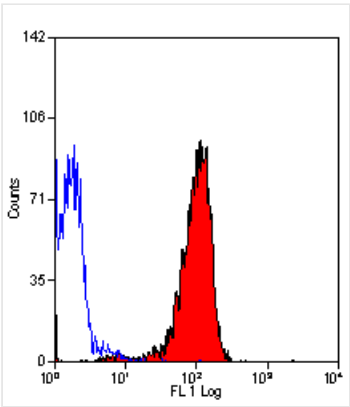
CATALOG # AAA49032	HOST Rat	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

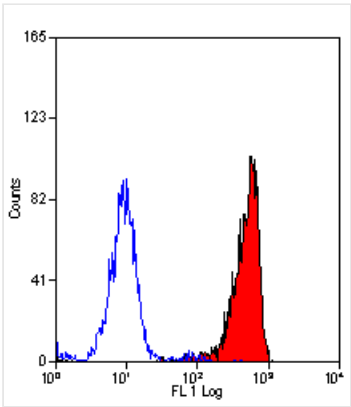
CD88; Monoclonal Antibody; RAT ANTI MOUSE CD88:Biotin; anti-CD88 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	10/92
Form/Format	Biotin Purified IgG conjugated to Biotin - liquid
Concentration	IgG concentration 0.1 mg/ml (varies by lot)
Sequence Length	351
Applicable Applications for anti-CD88 antibody	FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.09% Sodium Azide 1% Bovine Serum Albumin Preparation
Immunogen	RBL-2H3 transfected cells expressing murine C5aR Fusion Partners
Target Species	Mouse
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.



Application Data
Staining of mouse peripheral blood granulocytes with Rat anti Mouse CD88:Alexa Fluor 488



Application Data
Staining of mouse peripheral blood granulocytes with Rat anti Mouse CD88

ADDITIONAL INFORMATION

Related Product Information for anti-CD88 antibody	Rat anti Mouse CD88 antibody, clone 10/92 recognizes murine CD88, a 45kD G-protein coupled cell surface receptor, which is otherwise known as C5aR. The CD88 molecule functions as a receptor for the complement component C5a, which is a potent proinflammatory molecule and a chemoattractant for neutrophils to sites of infection. In mouse, CD88 is expressed on granulocytes, monocytes and macrophages but not on resting or stimulated lymphocytes. Clone 10/92 does not block the binding of the C5a to murine CD88.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	291167769
NCBI GeneID	12273
NCBI Accession #	NP_001167021.1
NCBI GenBank Nucleotide #	NM_001173550.1
UniProt Accession #	P30993; Q3TZ86
Molecular Weight	39,023 Da
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	C5aR; C5r1; Cd88; D7Msu1
NCBI Protein Information	C5a anaphylatoxin chemotactic receptor 1; C5a anaphylatoxin receptor; C5a ligand; C5a-R; complement component 5, 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_MOUSE

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.