

Mouse CD39 Monoclonal Antibody | anti-CD39 antibody

MOUSE ANTI HUMAN CD39:FITC

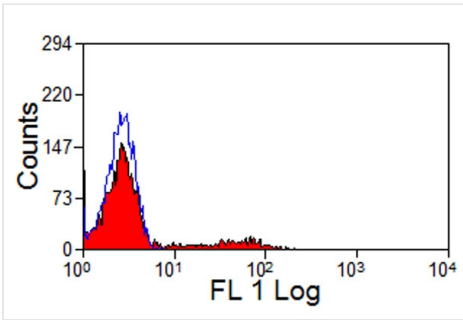
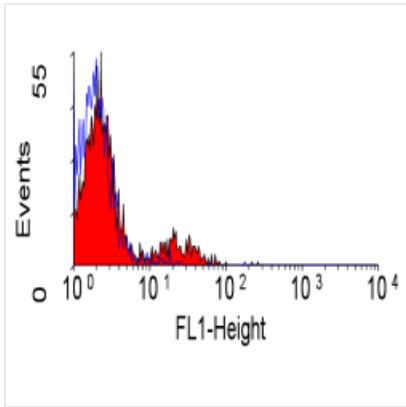
CATALOG # AAA49048	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CD39; Monoclonal Antibody; MOUSE ANTI HUMAN CD39:FITC; anti-CD39 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	A1
Form/Format	FITC Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Concentration	IgG concentration 0.1 mg/ml (varies by lot)
Sequence Length	517
Applicable Applications for anti-CD39 antibody	FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.09% Sodium Azide 1% Bovine Serum Albumin
Buffer Solution	Phosphate buffered saline
Target Species	Human
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. This product is photosensitive and should be protected from light. 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 human peripheral blood lymphocytes with Mouse anti Human CD39 followed by Rabbit F(ab')₂ anti Mouse IgG:FITC

Application Data
Staining of human peripheral blood lymphocytes with Mouse anti Human CD39:FITC

ADDITIONAL INFORMATION

Related Product Information for anti-CD39 antibody	Mouse anti human CD39, clone A1 recognizes the human CD39 cell surface antigen, a ~70-100kDa molecule expressed on peripheral blood B cells, monocytes and T lymphocytes, and weakly by granulocytes. CD39 has intrinsic ecto-ATPase activity (Wang et al. 1996), and expression can be induced on T cells and increased on B cells, as a late activation antigen (Maliszewski et al. 1994). Mouse anti human CD39, clone A1 has been shown to block MHC independent target cell recognition by hapten-specific CTL (Scholzen et al. 2009).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	147905700
NCBI GeneID	953
NCBI Accession #	NP_001091645.1
NCBI GenBank Nucleotide #	NM_001098175.1
UniProt Accession #	P49961; Q5T561; Q5T562; Q86VV3; Q9UQQ9; Q9Y3Q9; A9Z1X8; B4DWB9; B4E1X1; B7Z599; G3XAF6
Molecular Weight	59,325 Da
NCBI Official Full Name	ectonucleoside triphosphate diphosphohydrolase 1 isoform 2
NCBI Official Synonym Full Names	ectonucleoside triphosphate diphosphohydrolase 1
NCBI Official Symbol	ENTPD1
NCBI Official Synonym Symbols	CD39; SPG64; ATPDase; NTPDase-1
NCBI Protein Information	ectonucleoside triphosphate diphosphohydrolase 1; CD39 antigen; NTPDase 1; ecto-ATP diphosphohydrolase 1; ecto-ATPDase 1; ecto-ATPase 1; ecto-apyrase; lymphoid cell activation antigen
UniProt Protein Name	Ectonucleoside triphosphate diphosphohydrolase 1
UniProt Gene Name	ENTPD1
UniProt Synonym Gene Names	CD39; NTPDase 1; Ecto-ATPDase 1; Ecto-ATPase 1
UniProt Entry Name	ENTP1_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.