

Mouse CD39 Monoclonal Antibody | anti-CD39 antibody

MOUSE ANTI HUMAN CD39

CATALOG # AAA49802	HOST Mouse	APPLICATIONS Immunofluorescence, Flow Cytometry, Functional Assay
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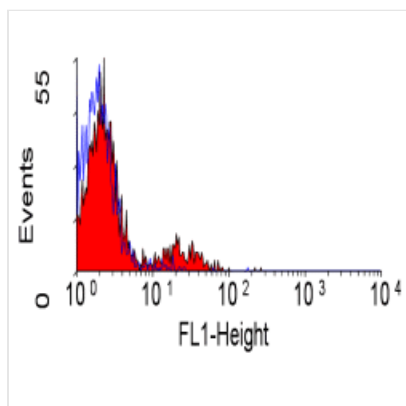
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

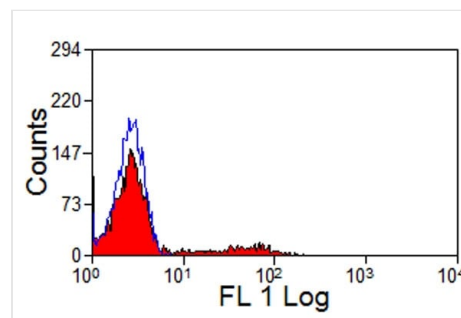
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	A1
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	517
Applicable Applications for anti-CD39 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.09% Sodium Azide Preparation
Buffer Solution	Phosphate buffered saline
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

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



Application Data

Staining of human peripheral blood lymphocytes with Mouse anti Human CD39 followed by Rabbit F(ab')2 anti Mouse IgG: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.