

Mouse CD53 Monoclonal Antibody | anti-CD53 antibody

MOUSE ANTI HUMAN CD53:FITC

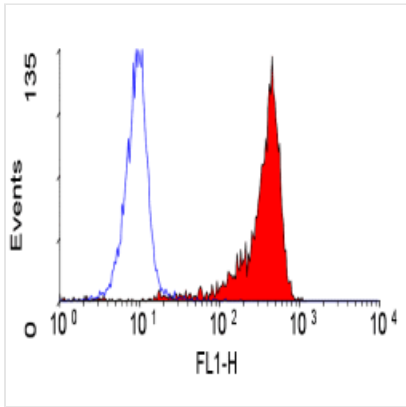
CATALOG #	HOST	APPLICATIONS
AAA49118	Mouse	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

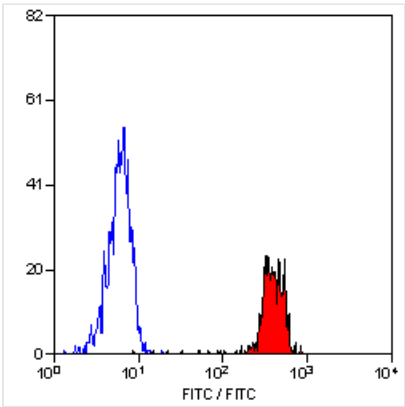
CD53; Monoclonal Antibody; MOUSE ANTI HUMAN CD53:FITC; anti-CD53 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	MEM-53
Specificity	This item reacts with a 32kDa antigen, a single chain glycoprotein on most leucocytes. There is no cross-reactivity with erythrocytes or platelets. The antibody recognises a broad span of leucocytes of both normal and neoplastic origin.
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	219
Applicable Applications for anti-CD53 antibody	FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.09% Sodium Azide 1% Bovine Serum Albumin Preparation
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 granulocytes with Mouse anti Human CD53



Application Data
Staining of human peripheral blood monocytes with Mouse anti Human CD53:FITC

ADDITIONAL INFORMATION

Related Product Information for anti-CD53 antibody	MBS213130 recognises the human CD53 cell surface antigen, a glycoprotein of 32-42kD. CD53 is expressed by all leucocytes, but is absent from erythrocytes and platelets.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10834972
NCBI GeneID	963
NCBI Accession #	NP_000551.1
NCBI GenBank Nucleotide #	NM_000560.3
UniProt Accession #	P19397; Q5U0D6; B2R905
Molecular Weight	24,341 Da
NCBI Official Full Name	leukocyte surface antigen CD53
NCBI Official Synonym Full Names	CD53 molecule
NCBI Official Symbol	CD53
NCBI Official Synonym Symbols	MOX44; TSPAN25
NCBI Protein Information	leukocyte surface antigen CD53; CD53 antigen; CD53 glycoprotein; CD53 tetraspan antigen; antigen MOX44 identified by monoclonal antibody MRC-OX44; cell surface antigen; cell surface glycoprotein CD53; tetraspanin-25; transmembrane glycoprotein; tspan-25
UniProt Protein Name	Leukocyte surface antigen CD53
UniProt Gene Name	CD53
UniProt Synonym Gene Names	MOX44; TSPAN25; Tspan-25
UniProt Entry Name	CD53_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.