

Mouse CD20 Monoclonal Antibody | anti-CD20 antibody

MOUSE ANTI HUMAN CD20:FITC

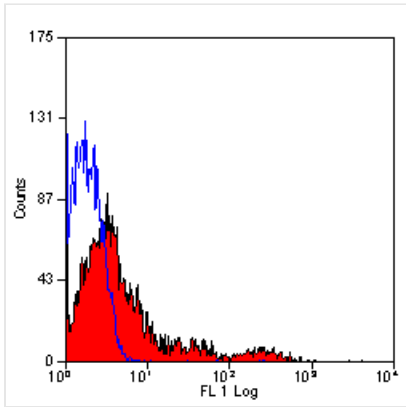
CATALOG # AAA11868	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

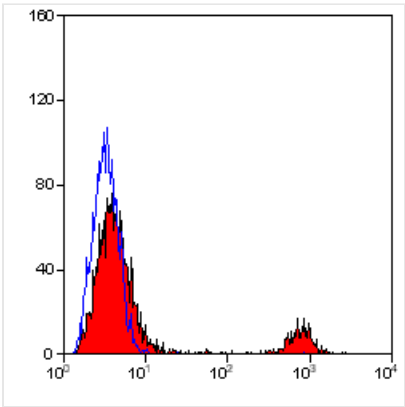
CD20; Monoclonal Antibody; MOUSE ANTI HUMAN CD20:FITC; anti-CD20 antibody

PRODUCT SPECIFICATIONS

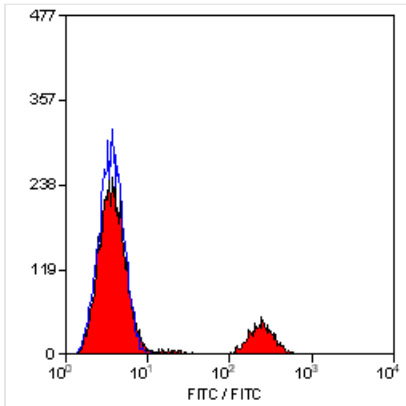
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	2H7
Form/Format	FITC Purified IgG conjugated to Fluorescein isothiocyanate isomer 1 (FITC) - liquid.
Concentration	IgG concentration 0.1 mg/ml (varies by lot)
Sequence Length	297
Applicable Applications for anti-CD20 antibody	FCM/FACS (Flow Cytometry)
Application Notes	Flow Cytometry: Use 10ul of the suggested working dilution to label 106 cells or 100ul whole blood Flow Cytometry: Minimum Dilution: Neat; Maximum Dilution: 1/10
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. 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.



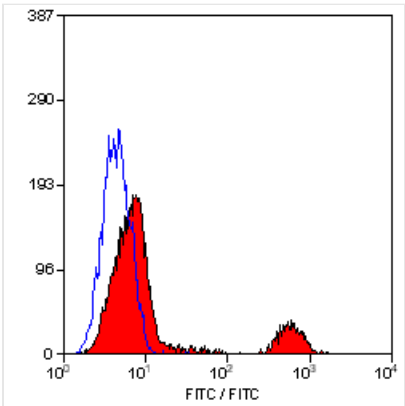
Application Data
Staining of human peripheral blood lymphocytes with Mouse anti Human CD20: Pacific Blue



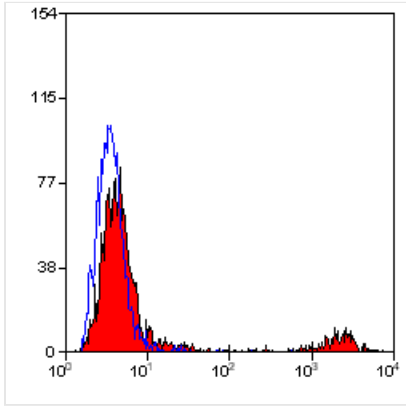
Application Data
Staining of human peripheral blood lymphocytes with Mouse anti Human CD20:Alexa Fluor 488



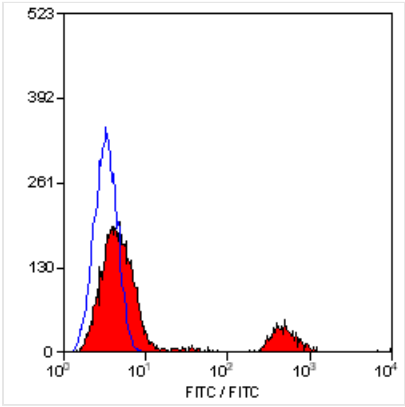
Application Data
Staining of human peripheral blood lymphocytes with Mouse anti Human CD20:Biotin



Application Data
Staining of human peripheral blood lymphocytes with Mouse anti Human CD20



Application Data
Staining of human peripheral blood lymphocytes with Mouse anti Human CD20:Alexa Fluor 647



Application Data
Staining of human peripheral blood lymphocytes with Mouse anti Human CD20:FITC

ADDITIONAL INFORMATION

Related Product Information for anti-CD20 antibody

Mouse anti Human CD20 antibody, clone 2H7 recognizes the human CD20 cell surface antigen, a 33-37 kDa non-glycosylated phosphoprotein. The CD20 antigen is expressed during pre-B-cell development. It is present on both resting and activated B-cells but is lost prior to terminal B-cell differentiation into plasma cells. The epitope recognized by clone 2H7 has been mapped to the following sequence found in the large extracellular loop of human CD20: YNCEPANPSEKNSPST. Furthermore it appears that Mouse anti Human CD20 antibody, clone 2H7 only recognizes human CD20 in its native oligomeric form (Polyak et al. 2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	23110987
NCBI GeneID	931
NCBI Accession #	NP_068769.2
NCBI GenBank Nucleotide #	NM_021950.3
UniProt Accession #	P11836; P08984; Q13963; A6NMS4; B4DT24
Molecular Weight	14,581 Da
NCBI Official Full Name	B-lymphocyte antigen CD20
NCBI Official Synonym Full Names	membrane-spanning 4-domains, subfamily A, member 1
NCBI Official Symbol	MS4A1
NCBI Official Synonym Symbols	B1; S7; Bp35; CD20; CVID5; MS4A2; LEU-16
NCBI Protein Information	B-lymphocyte antigen CD20; B-lymphocyte cell-surface antigen B1; CD20 antigen; CD20 receptor; leukocyte surface antigen Leu-16
UniProt Protein Name	B-lymphocyte antigen CD20
UniProt Gene Name	MS4A1
UniProt Synonym Gene Names	CD20
UniProt Entry Name	CD20_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/cd20-antibody-clone-2h7-flow-cytometry-elisa/11868>