

Mouse CD20 Monoclonal Antibody | anti-CD20 antibody

MOUSE ANTI HUMAN CD20:RPE

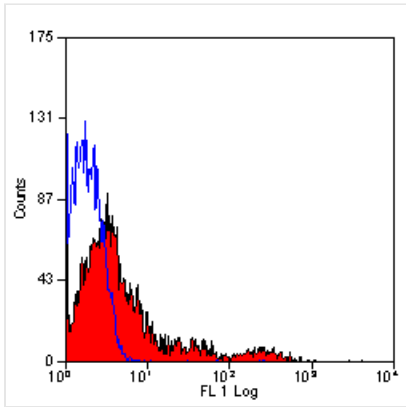
CATALOG #	HOST	APPLICATIONS
AAA12032	Mouse	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

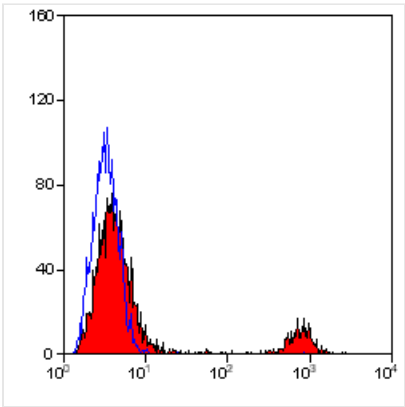
CD20; Monoclonal Antibody; MOUSE ANTI HUMAN CD20:RPE; anti-CD20 antibody

PRODUCT SPECIFICATIONS

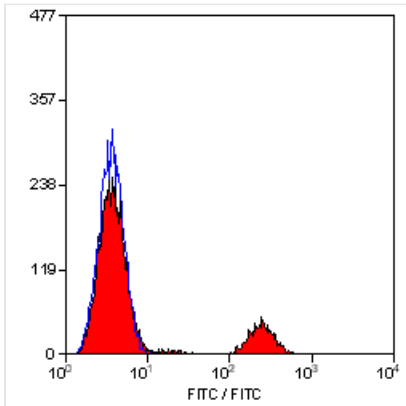
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	2H7
Form/Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Sequence Length	297
Applicable Applications for anti-CD20 antibody	FCM/FACS (Flow Cytometry)
Application Notes	Flow Cytometry: Use 10ul of the suggested working dilution to label 106 cells or cells or 100ul whole blood. Flow Cytometry: Maximum Dilution: Neat
Reconstitution	Reconstitute with 1 ml distilled water Perservative Stabilisers
Buffer Solution	Phosphate buffered saline
Target Species	Human
Preparation and Storage	Prior to reconstitution store at 4 degree C. After reconstitution store at 4 degree C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 12 months from date of reconstitution.



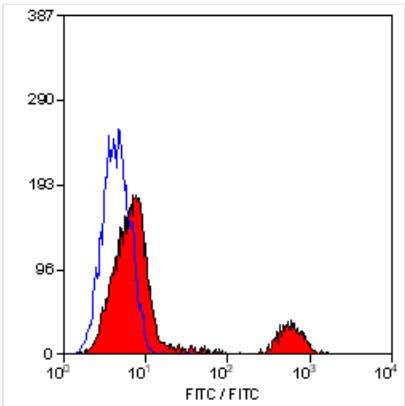
Application Data
Staining of human peripheral blood lymphocytes with Mouse anti Human CD20: Pacific Blue



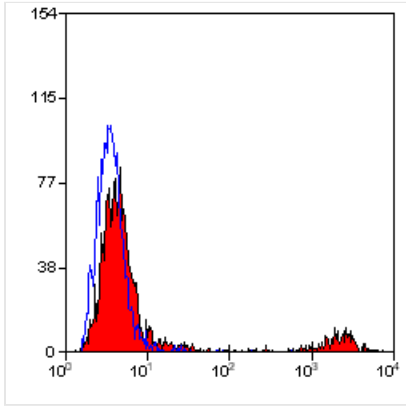
Application Data
Staining of human peripheral blood lymphocytes with Mouse anti Human CD20:Alexa Fluor 488



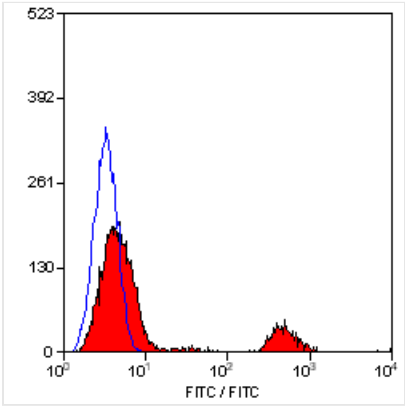
Application Data
Staining of human peripheral blood lymphocytes with Mouse anti Human CD20:Biotin



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/12032>