

Mouse CD19 Monoclonal Antibody | anti-CD19 antibody

MOUSE ANTI HUMAN CD19:RPE

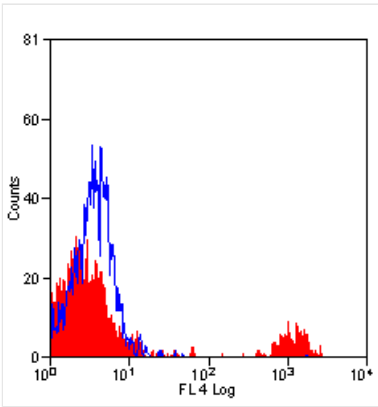
CATALOG # AAA12034	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

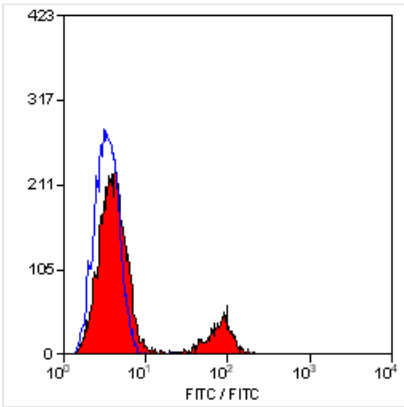
CD19; Monoclonal Antibody; MOUSE ANTI HUMAN CD19:RPE; anti-CD19 antibody

PRODUCT SPECIFICATIONS

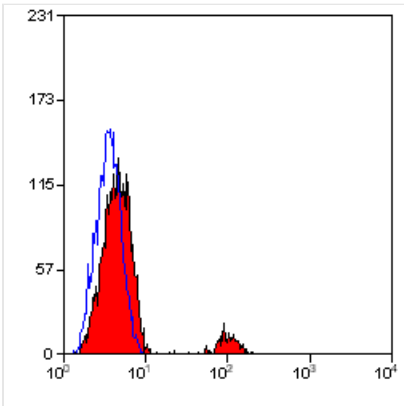
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	LT19
Form/Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Sequence Length	557
Applicable Applications for anti-CD19 antibody	FCM/FACS (Flow Cytometry)
Application Notes	Flow Cytometry: Use 10ul of the suggested working dilution to label 10 ⁶ 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. Following 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.



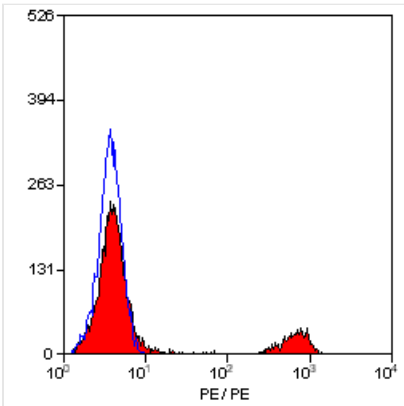
Application Data
Staining of human peripheral blood lymphocytes with Mouse anti Human CD19: RPE- Alexa Fluor 647



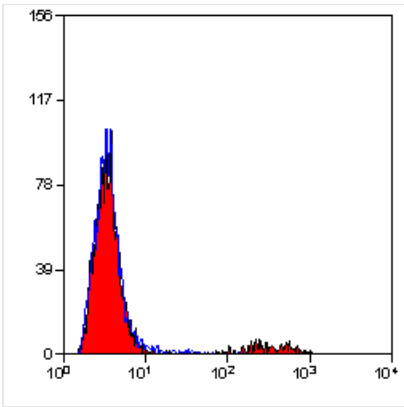
Application Data
Staining of human peripheral blood lymphocytes with Mouse anti Human CD19:FITC



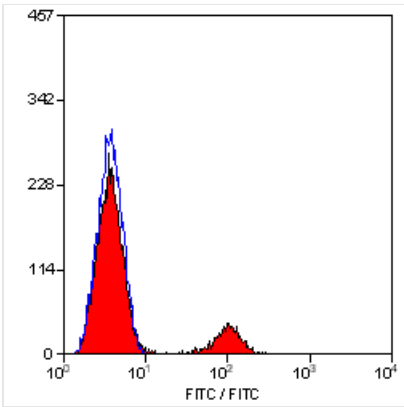
Application Data
Staining of human peripheral blood lymphocytes with Mouse anti Human CD19:Alexa Fluor 488



Application Data
Staining of human peripheral blood lymphocytes with Mouse anti Human CD19:RPE



Application Data
Staining of human peripheral blood lymphocytes with Mouse anti Human CD19:Alexa Fluor 647



Application Data
Staining of human peripheral blood lymphocytes with Mouse anti Human CD19:Biotin

ADDITIONAL INFORMATION

Related Product Information for anti-CD19 antibody

Mouse anti Human CD19 antibody, clone LT19 recognizes human CD19 also known as T-cell surface antigen Leu-12 or B-lymphocyte surface antigen B4. CD19 is a ~95kDa type I single pass transmembrane glycoprotein expressed on follicular dendritic cells and B-cells during maturation but is lost on development into plasma cells (de Rie et al. 1989). CD19 is the broadest lineage specific marker for B cells and functions as a B-cell co-receptor in conjunction with CD21(Bradbury et al. 1992), CD9, CD81 and CD82 (Horvath et al. 1998). CD19 is implicated in the down-regulation of B cell growth and proliferation (Pezzutto et al. 1987).

NCBI AND UNIPROT INFORMATION

NCBI GI #	296010921
NCBI GeneID	930
NCBI Accession #	NP_001171569.1
NCBI GenBank Nucleotide #	NM_001178098.1
UniProt Accession #	P15391; Q96S68; Q9BRD6; A0N0P9; F5H635
Molecular Weight	61,200 Da
NCBI Official Full Name	B-lymphocyte antigen CD19 isoform 1
NCBI Official Synonym Full Names	CD19 molecule
NCBI Official Symbol	CD19
NCBI Official Synonym Symbols	B4; CVID3
NCBI Protein Information	B-lymphocyte antigen CD19; B-lymphocyte surface antigen B4; T-cell surface antigen Leu-12; differentiation antigen CD19
UniProt Protein Name	B-lymphocyte antigen CD19
UniProt Gene Name	CD19
UniProt Entry Name	CD19_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/cd19-antibody-clone-1t19-flow-cytometry-elisa/12034>