

Mouse anti-Human CD19 Monoclonal Antibody | anti-CD19 antibody

Monoclonal Antibody to hCD19 (Clone: CB19)

CATALOG # AAA78271	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CD19; Monoclonal Antibody; Monoclonal Antibody to hCD19 (Clone: CB19); B-lymphocyte antigen CD19; B-lymphocyte surface antigen B4; Differentiation antigen CD19; T-cell surface antigen Leu-12; anti-CD19 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	CB19
Purity/Purification	Purified Protein G Chromatography
Form/Format	25 ug in 50 ul/100 ug in 200 ul PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Sequence Length	556
Applicable Applications for anti-CD19 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry)
Immunogen Information	Intact normal human B cell cells were used as immunogen for this antibody.
Antigen	hCD19
Preparation and Storage	Store the antibody at 4 degree C, stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeated freeze and thaw cycles.

IMAGES



WB (Western Blot)

Fig-3: Western blot analysis of hCD19. Anti-hCD19 antibody (Clone: CB19) was used at 2 ug/ml on Daudi lysate.



FCM/FACS (Flow Cytometry)

Fig-2: Surface flow cytometric analysis of CD19 on Raji cells using 0.5 ug antibody per 10^6 cells of antibody (Clone: CB19). Green represents isotype control; red represents anti-CD19 antibody. Goat anti-mouse PE conjugate secondary antibody was used.



FCM/FACS (Flow Cytometry)

Fig-1: Cell Surface flow staining of hCD19 in PBMCs (lymphocytes gated) using 0.5 ug antibody per 10⁶ cells of antibody (Clone: CB19). Green represents isotype control ; red represents anti-hCD19 antibody. Goat anti-mouse PE conjugate secondary antibody was used.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CD19 antibody	Antibodies; Immunology
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NCBI AND UNIPROT INFORMATION

NCBI GI #	160332376
NCBI GeneID	930
UniProt Accession #	P15391; Q96S68; Q9BRD6; A0N0P9; F5H635
Molecular Weight	61,200 Da
NCBI Official Full Name	B-lymphocyte antigen CD19
NCBI Official Synonym Full Names	CD19 molecule
NCBI Official Symbol	CD19
NCBI Official Synonym Symbols	B4; CVID3
NCBI Protein Information	B-lymphocyte antigen CD19
UniProt Protein Name	B-lymphocyte antigen CD19
UniProt Gene Name	CD19

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-cb19-western-blot-flow-cytometry-elisa/78271>