

Mouse CD19 Monoclonal Antibody | anti-CD19 antibody

CD19 antibody

CATALOG # AAA106455	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

CD19; Monoclonal Antibody; CD19 antibody; Monoclonal CD19; Anti-CD19; B-lymphocyte antigen CD19; CD 19; Cluster of Differentiation 19; CD-19; anti-CD19 antibody

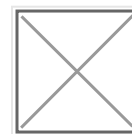
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	2E2B6B10
Form/Format	Purified liquid in PBS with 0.03% sodium azide.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	92
Applicable Applications for anti-CD19 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Biological Significance	CD19 is a protein that in humans is encoded by the CD19 gene. CD19 is expressed on follicular dendritic cells and B cells. In fact, it is present on B cells from earliest recognizable B-lineage cells during development to B-cell blasts but is lost on maturation to plasma cells. It primarily acts as a B cell co-receptor in conjunction with CD21 and CD81. Upon activation, the cytoplasmic tail of CD19 becomes phosphorylated, which leads to binding by Src-family kinases and recruitment of PI-3 kinase.
Cross-Reactivity	Human
Immunogen	CD19 antibody was raised in Mouse using a purified recombinant fragment of human CD19 expressed in E Coli as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western Blot showing CD19 antibody used against CD19 recombinant protein.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human normal lymph node, showing cytoplasmic localization using CD19 antibody with DAB staining.

ADDITIONAL INFORMATION

Related Product Information for anti-CD19 antibody	Mouse monoclonal CD19 antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4105281
NCBI GeneID	930
UniProt Accession #	Q71UW0; P15391
Molecular Weight	10,185 Da
NCBI Official Full Name	CD19, partial
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	CD19
UniProt Gene Name	CD19
UniProt Entry Name	Q71UW0_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-2e2b6b10-western-blot-immunohistochemistry-elisa/106455>