

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

CD19 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA243696	Mouse	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot, ELISA

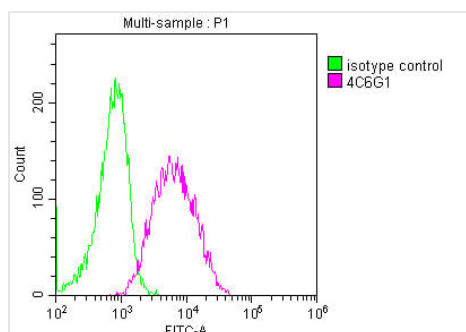
PRODUCT SYNONYMS

CD19; Monoclonal Antibody; CD19 Monoclonal Antibody; B-lymphocyte antigen CD19; B-lymphocyte surface antigen B4; Differentiation antigen CD19; T-cell surface antigen Leu-12; anti-CD19 antibody

PRODUCT SPECIFICATIONS

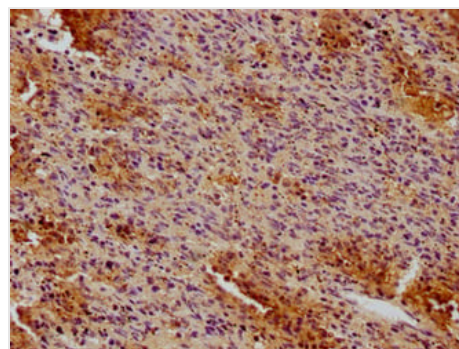
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b
Purity/Purification	>95%, Protein A Purified
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Applicable Applications for anti-CD19 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human CD19 protein (20-291AA)
Immunogen Species	Human
Conjugate	Non-conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



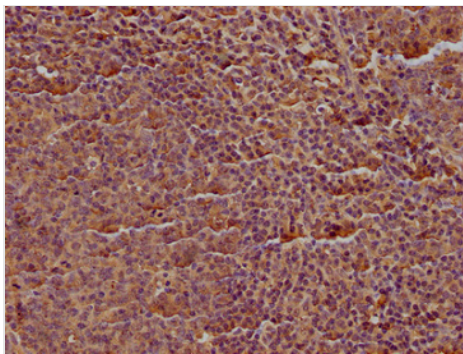
FCM/FACS (Flow Cytometry)

Overlay histogram showing Raji cells stained with AAA243696 (red line) at 1:50. The cells were incubated in 1x PBS /10% normal goat serum to block non-specific protein-protein interactions followed by primary antibody for 1 h at 4 degree C. The secondary antibody used was FITC goat anti-mouse IgG(H+L) at 1/200 dilution for 1 h at 4 degree C. Isotype control antibody (green line) was used under the same conditions. Acquisition of >10,000 events was performed.



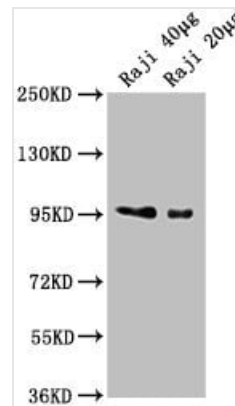
IHC (Immunohistochemistry)

IHC image of AAA243696 diluted at 1:100 and staining in paraffin-embedded human spleen tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA243696 diluted at 1:100 and staining in paraffin-embedded human tonsil tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western Blot Positive WB detected in: Raji whole cell lysate All lanes: CD19 antibody at 1:2000 Secondary Goat polyclonal to Mouse IgG at 1/10000 dilution Predicted band size: 61 kDa Observed band size: 95 kDa

ADDITIONAL INFORMATION

Product Categories/Family for anti-CD19 antibody

Immunology

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
Molecular Weight	61,128 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; differentiation antigen CD19; T-cell surface antigen Leu-12; B-lymphocyte surface antigen B4
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/monoclonal/cd19-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/243696>