

CD19 recombinant antibody

Rabbit anti-CD19 Recombinant Monoclonal Antibody [BLR137H]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213598	Rabbit	Human	Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CD19; Monoclonal Recombinant Antibody; Rabbit anti-CD19 Recombinant Monoclonal Antibody [BLR137H]; differentiation antigen CD19; CVID3; T-cell surface antigen Leu-12; B-lymphocyte surface antigen B4; B4; B-lymphocyte antigen CD19; CD antigen CD19; CD19 molecule; CD19 recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	BLR137H
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Borate Buffered Saline (BBS) pH 8.2 with 0.09% Sodium Azide, BSA-Free
Concentration	1000ug/ml (varies by lot)
Applicable Applications for CD19 recombinant antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Residues 21-291 (ECD)
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



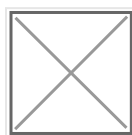
WB (Western Blot)

Detection of human CD19 by western blot. Samples: Whole cell lysate (10 ug) from Ramos, HeLa, HEK293T, Raji, Hep-G2, MCF-7, Jurkat, and Daudi cells prepared using NETN lysis buffer. Antibody: Rabbit anti-CD19 recombinant monoclonal antibody (AAA213598 Lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-COPB2 antibody .



IHC (Immunohistochemistry)

Detection of human CD19 in FFPE tonsil by immunohistochemistry. Antibody: Rabbit anti-CD19 recombinant monoclonal antibody (AAA213598 Lot 1). Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.



ICC (Immunocytochemistry)

Detection of human CD19 in FFPE Raji cells by immunocytochemistry. Antibody: Rabbit anti-CD19 recombinant monoclonal antibody (AAA213598 Lot 1). Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.

ADDITIONAL INFORMATION

Related Product Information for CD19 recombinant antibody	Lymphocytes proliferate and differentiate in response to various concentrations of different antigens. The ability of the B cell to respond in a specific, yet sensitive manner to the various antigens is achieved with the use of low-affinity antigen receptors. CD19 encodes a cell surface molecule which assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulatio [taken from NCBI Entrez Gene (Gene ID: 930)].
Product Categories/Family for CD19 recombinant antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	91105174
NCBI GeneID	930
NCBI Accession #	NP_001761.3
NCBI GenBank Nucleotide #	NM_001770.5
UniProt Accession #	P15391; Q96S68; Q9BRD6; A0N0P9; Q6ZNU2; Q71UW0
Molecular Weight	61,128 Da
NCBI Official Full Name	B-lymphocyte antigen CD19 isoform 2
NCBI Official Synonym Full Names	CD19 molecule
NCBI Official Symbol	CD19
NCBI Official Synonym Symbols	B4; CVID3; MGC12802
NCBI Protein Information	B-lymphocyte antigen CD19; OTTHUMP00000122551; 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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd19-recombinant-antibody-clone-blr137h-immunocytochemistry-immunohistochemistry-western-blot-elisa/213598>