

Rabbit anti-Human CD19 Polyclonal Antibody | anti-CD19 antibody

CD19 Rabbit anti-Human Polyclonal Antibody

CATALOG # AAA162952	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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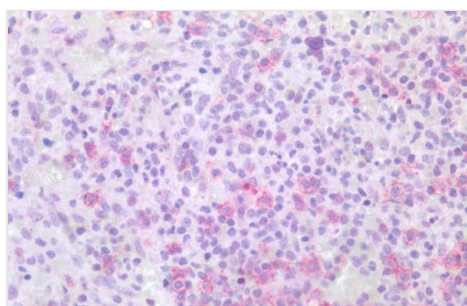
PRODUCT SYNONYMS

CD19; Polyclonal Antibody; CD19 Rabbit anti-Human Polyclonal Antibody; PathPlus CD19 Antibody; B-lymphocyte antigen CD19; CD19 molecule; Differentiation antigen CD19; T-cell surface antigen Leu-12; B4; CD19 antigen; CVID3; anti-CD19 antibody

PRODUCT SPECIFICATIONS

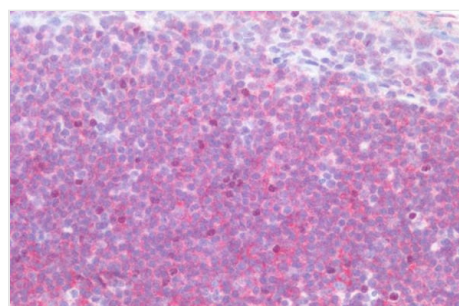
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.1% Sodium Azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CD19 antibody	IHC (Immunohistochemistry)
Target	Human CD19
Immunogen	LP-10691, synthetic peptide
Conjugation	Unconjugated
Preparation and Storage	Aliquot and store undiluted at -20 degree C or below for up to 1 year. Can be stored undiluted at 4 degree C for up to 1 month. Avoid freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

CD19 Antibody-Human Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)

CD19 Antibody-Human Tonsil: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-CD19 antibody	CD19 antibody is an unconjugated rabbit polyclonal antibody to CD19 from human. Validated for IHC. CD19 is a transmembrane protein found in B cells other than plasma and follicular dendritic cells. CD19 is a necessary adaptor protein in signal transduction pathways that regulate B-cell differentiation and development. Additionally, mutations in CD19 have been associated with a decrease in antibody production in immunodeficiency syndromes and have also been implicated in autoimmune diseases. CD19 is a common marker for B-cells-it demonstrates positive membranous staining in B-cells in the mantle zone, germinal centers of lymphoid tissues, and in occasional plasma cells. In cancers, it is positive in B-cell lymphomas, most B-cell leukemia and in hairy cell leukemia. It is negative in T-cell lymphomas.
References	Adv Exp Med Biol. 2005;560:125-39, PMID: 15934172; The Journal of Experimental Medicine. 1989 Dec. 170 (6): 2159 -64, PMID: 2479707; The New England Journal of Medicine. 2006 May. 354 (18): 1901 -12. PMID: 16672701; Leukemia & Lymphoma. 1995 Aug. 18 (5 -6): 385 -97, PMID: 8528044.

NCBI AND UNIPROT INFORMATION

NCBI GI #	91105174
NCBI GeneID	930
NCBI Accession #	NP_001761.3
NCBI GenBank Nucleotide #	NM_001770
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://www.aaabiotech.com/polyclonal/cd19-antibody-immunohistochemistry-elisa/162952>