

Rabbit anti-Human CD20 Polyclonal Antibody | anti-MS4A1 antibody

CD20 Rabbit anti-Human Polyclonal Antibody

CATALOG # AAA162974	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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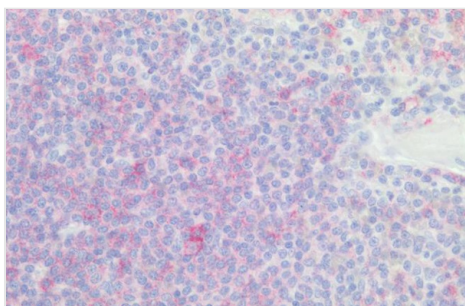
PRODUCT SYNONYMS

CD20; Polyclonal Antibody; CD20 Rabbit anti-Human Polyclonal Antibody; PathPlus CD20 Antibody; MS4A1; B-lymphocyte antigen CD20; B1; Bp35; CD20 antigen; CD20 receptor; LEU-16; CVID5; anti-MS4A1 antibody

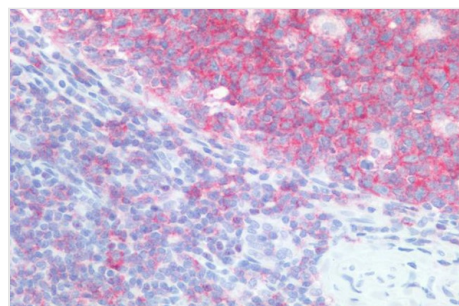
PRODUCT SPECIFICATIONS

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-MS4A1 antibody	IHC (Immunohistochemistry)
Target	Human CD20
Immunogen	LP-10789, 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)

CD20 Antibody-Human Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)


IHC (Immunohistochemistry)

CD20 Antibody-Human Tonsil: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-MS4A1 antibody	CD20 antibody is an unconjugated rabbit polyclonal antibody to CD20 from human. Validated for IHC. CD20 (MS4A1) is a transmembrane protein that is a member of the membrane-spanning 4A family. It plays a role in the humoral immune response by regulating B-cell proliferation and differentiation. Mutation of the CD20 gene results in impaired B-cell activation and T-cell -dependent humoral immunity. CD20 is expressed at the cell surface during B-cell ontogeny, from late pro -B-cells to memory cells. In normal tissues, it is found in bone marrow and immune system tissues. It is also found in acute and chronic B-cell lymphomas and leukemias, melanoma cancer stem cells, and subsets of Hodgkin lymphoma, myeloma, and thymoma. Staining is used to identify cells of the B-cell lineage and to distinguish B-cell neoplasms (positive) from T-cell neoplasms (negative).
References	Proc Natl Acad Sci U S A. 1988;85(1):208-212. doi: 10.1073/pnas.85.1.208;Cancer Res. 2005;65(20):9328-9337. doi: 10.1158/0008-5472.CAN-05-1343;Manual of Diagnostic Antibodies for Immunohistology (2nd ed). London: Greenwich Medical Media; 2003;Janeway's Immunobiology (7th ed). New York: Garland Science; 2008;Textbook of Immunology (2nd ed). Amsterdam: Harwood Academic Publishers GmbH; 1996;J Immunol. 2013;191(6):3112-3118. doi: 10.4049/jimmunol.1202098.

NCBI AND UNIPROT INFORMATION

NCBI GI #	23110989
NCBI GeneID	931
NCBI Accession #	NP_690605.1
NCBI GenBank Nucleotide #	NM_021950
UniProt Accession #	P11836; P08984; Q13963; A6NMS4; B4DT24
Molecular Weight	14,581 Da
NCBI Official Full Name	B-lymphocyte antigen CD20
NCBI Official Synonym Full Names	membrane-spanning 4-domains, subfamily A, member 1
NCBI Official Symbol	MS4A1
NCBI Official Synonym Symbols	B1; S7; Bp35; CD20; CVID5; MS4A2; LEU-16
NCBI Protein Information	B-lymphocyte antigen CD20; CD20 antigen; CD20 receptor; leukocyte surface antigen Leu-16; B-lymphocyte cell-surface antigen B1
UniProt Protein Name	B-lymphocyte antigen CD20
UniProt Gene Name	MS4A1
UniProt Synonym Gene Names	CD20
UniProt Entry Name	CD20_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/cd20-antibody-immunohistochemistry-elisa/162974>