

CD20 Antibody Biotin Conjugated

Catalog No: #C00061B

Package Size: #C00061B 100ul

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Description

Product Name	CD20 Antibody Biotin Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 240-290 297 derived from human CD20
Conjugates	Biotin
Target Name	CD20
Other Names	B1; S7; Bp35; CD2; CVID5; MS4A2; LEU-16; B-lymphocyte antigen CD2; B-lymphocyte surface antigen B1; Leukocyte surface antigen Leu-16; Membrane-spanning 4-domains subfamily A member 1; MS4A1
Accession No.	Swiss-Prot#P11836NCBI Gene ID931
Cell Localization	Cytoplasm
Concentration	1mg ml
Formulation	10mM Tris Buffered Saline containing 1% BSA, 50% glycerol and 0.09% sodium azide.
Storage	Store at 4C for 12 months.

Application Details

Western blotting: 1:100-1000Immunohistochemistry1:100-500

Background

B lymphocytes marker CD20 is a non glycosylated protein with a molecular weight of 35 or 37 kDa depending on the degree of phosphorylation. Although not a member of the tetraspanin superfamily of cell surface receptors, it crosses the cell membrane four times. The CD20 antigen is present on human pre B lymphocytes and on B lymphocytes at all stages of maturation, except on plasma cells. Low level expression of the CD20 antigen has been detected on normal T lymphocytes. The CD20 molecule is involved in regulation of B cell differentiation, presumably via its reported function as a Ca⁺⁺ channel subunit.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.