

CD20 Antibody FITC Conjugated

Catalog No: #C00061F

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Description

Product Name	CD20 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 240-290 297 derived from human CD20
Conjugates	FITC
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
Uniprot	P11836
GeneID	931;
Excitation Emission	494nm 518nm
Cell Localization	Cytoplasm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

Flow-Cyt=1:50-200 IF=1:50-200

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