10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CD20 Antibody

Rabbit mAb
Catalog # AP90208

Product Information

Application	WB, IHC, FC
Primary Accession	P11836
Reactivity	Human
Clonality	Monoclonal
Other Names	B1; S7; Bp35; CD20; MS4A2; LEU-16; MS4A1
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	33077

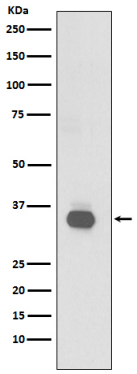
Additional Information

Dilution	WB 1:500~1:2000 IHC 1:50~1:200 FC 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human CD20
Description	This protein may be involved in the regulation of B-cell activation and proliferation. CD20 (MS4A1, membrane-spanning 4-domains, subfamily A, member 1) is a member of the membrane-spanning 4A gene family. Members of this nascent protein family are characterized by common structural features and similar intron/exon splice boundaries and display unique expression patterns among hematopoietic cells and nonlymphoid tissues.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	MS4A1
Synonyms	CD20
Function	B-lymphocyte-specific membrane protein that plays a role in the regulation of cellular calcium influx necessary for the development, differentiation, and activation of B-lymphocytes (PubMed:12920111, PubMed:3925015, PubMed:7684739). Functions as a store-operated calcium (SOC) channel component promoting calcium influx after activation by the B-cell receptor/BCR (PubMed:12920111, PubMed:18474602, PubMed:7684739).
Cellular Location	Cell membrane; Multi-pass membrane protein. Cell membrane; Lipid-anchor. Note=Constitutively associated with membrane rafts.
Tissue Location	Expressed on B-cells.

Images



Western blot analysis of CD20 expression in Raji cell lysate.

Image not found : 202311/AP90208-IHC.jpg

Immunohistochemical analysis of paraffin-embedded human tonsil, using CD20 Antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.