

CD20 Antibody

Rabbit mAb Catalog # AP90208

Specification

CD20 Antibody - Product Information

Application WB, IHC, FC
Primary Accession P11836
Clonality Monoclonal

Other Names

B1; S7; Bp35; CD20; MS4A2; LEU-16; MS4A1

Isotype Rabbit IgG
Host Rabbit
Calculated MW 33077 Da

CD20 Antibody - Additional Information

Dilution WB~~1:1000

IHC~~1:100~500 FC~~1:10~50

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.

CD20 Antibody - 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

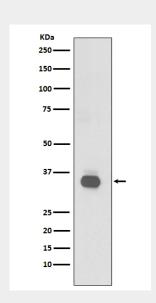
Expressed on B-cells.

CD20 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CD20 Antibody - Images



Western blot analysis of CD20 expression in Raji cell lysate.