

CD20 Antibody (clone MEM-269)
Mouse Monoclonal Antibody
Catalog # ALS12483**Specification**

CD20 Antibody (clone MEM-269) - Product Information

Application	IHC-P, FC
Primary Accession	P11836
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	33kDa KDa
Dilution	IHC-P~~N/A FC~~1:10~50

CD20 Antibody (clone MEM-269) - Additional Information**Gene ID** 931**Other Names**

B-lymphocyte antigen CD20, B-lymphocyte surface antigen B1, Bp35, Leukocyte surface antigen Leu-16, Membrane-spanning 4-domains subfamily A member 1, CD20, MS4A1, CD20

Target/Specificity

Reacts with CD20 (Bp35), a 33-37 kD non-glycosylated membrane receptor with four transmembrane domains, expressed on B lymphocytes (it is lost on plasma cells), follicular dendritic cells, and at low levels on peripheral blood T lymphocytes.

Reconstitution & Storage

+4°C or -20°C, Avoid repeated freezing and thawing.

Precautions

CD20 Antibody (clone MEM-269) is for research use only and not for use in diagnostic or therapeutic procedures.

CD20 Antibody (clone MEM-269) - 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

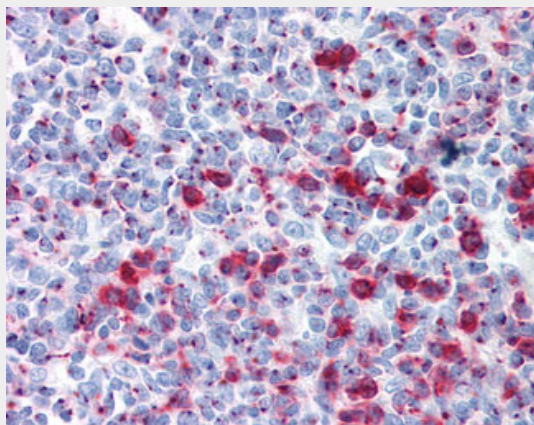
Expressed on B-cells.

CD20 Antibody (clone MEM-269) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD20 Antibody (clone MEM-269) - Images



Anti-MS4A1 / CD20 antibody IHC of human tonsil.

CD20 Antibody (clone MEM-269) - Background

This protein may be involved in the regulation of B-cell activation and proliferation.

CD20 Antibody (clone MEM-269) - References

Stamenkovic I., et al. J. Exp. Med. 167:1975-1980(1988).
Tedder T.F., et al. Proc. Natl. Acad. Sci. U.S.A. 85:208-212(1988).
Einfeld D.A., et al. EMBO J. 7:711-717(1988).
Tedder T.F., et al. J. Immunol. 142:2560-2568(1989).
Ota T., et al. Nat. Genet. 36:40-45(2004).