

**CD20 Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS16449****Specification**

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**CD20 Antibody - Product Information**

|                   |                                    |
|-------------------|------------------------------------|
| Application       | WB, IHC-P, E                       |
| Primary Accession | <a href="#">P11836</a>             |
| Reactivity        | Mouse                              |
| Host              | Rabbit                             |
| Clonality         | Polyclonal                         |
| Calculated MW     | 33kDa KDa                          |
| Dilution          | WB~~1:1000<br>IHC-P~~N/A<br>E~~N/A |

**CD20 Antibody - 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**

Mouse CD20

**Reconstitution & Storage**

Aliquot and store at -20°C or -80°C. Avoid freeze-thaw cycles.

**Precautions**

CD20 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**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:<a href="http://www.uniprot.org/citations/12920111" target="\_blank">12920111</a>, PubMed:<a href="http://www.uniprot.org/citations/3925015" target="\_blank">3925015</a>, PubMed:<a href="http://www.uniprot.org/citations/7684739" target="\_blank">7684739</a>). Functions as a store-operated calcium (SOC) channel component promoting calcium influx after activation by the B-cell receptor/BCR (PubMed:<a href="http://www.uniprot.org/citations/12920111" target="\_blank">12920111</a>, PubMed:<a href="http://www.uniprot.org/citations/18474602" target="\_blank">18474602</a>).

target="\_blank">18474602</a>, PubMed:<a href="http://www.uniprot.org/citations/7684739" target="\_blank">7684739</a>).

**Cellular Location**

Cell membrane; Multi-pass membrane protein. Cell membrane; Lipid-anchor. Note=Constitutively associated with membrane rafts.

**Tissue Location**

Expressed on B-cells.

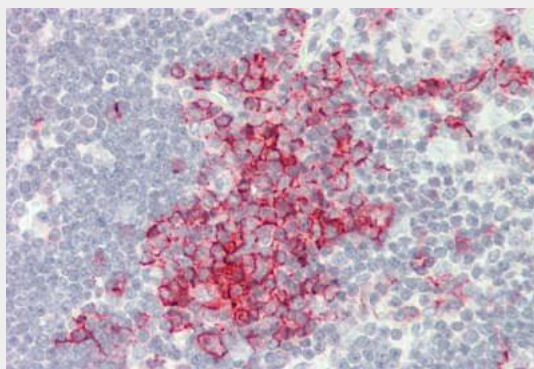
**Volume**

50 µl

**CD20 Antibody - 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 - Images**

Mouse Thymus: Formalin-Fixed, Paraffin-Embedded (FFPE)

**CD20 Antibody - Background**

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

**CD20 Antibody - 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).