

**Anti-CD19 Antibody (C-Terminus)**  
**Goat Anti Human Polyclonal Antibody**  
**Catalog # ALS18239****Specification**

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**Anti-CD19 Antibody (C-Terminus) - Product Information**

Application	<b>WB, IHC-P</b>
Primary Accession	<a href="#">P15391</a>
Predicted	<b>Human, Mouse, Rat, Monkey, Dog</b>
Host	<b>Goat</b>
Clonality	<b>Polyclonal</b>
Isotype	<b>IgG</b>
Calculated MW	<b>61128</b>

**Anti-CD19 Antibody (C-Terminus) - Additional Information****Gene ID** 930**Alias Symbol** **CD19****Other Names**

CD19, B-lymphocyte antigen CD19, CD19 molecule, Differentiation antigen CD19, T-cell surface antigen Leu-12, B4, CD19 antigen, CVID3

**Target/Specificity**

Using spleen and Jurkat cell lysates detects a 95 kDa band by Western blot.

**Reconstitution & Storage**

Immunoaffinity purified

**Precautions**

Anti-CD19 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-CD19 Antibody (C-Terminus) - Protein Information****Name** CD19**Function**

Functions as a coreceptor for the B-cell antigen receptor complex (BCR) on B-lymphocytes. Decreases the threshold for activation of downstream signaling pathways and for triggering B-cell responses to antigens (PubMed: [1373518](http://www.uniprot.org/citations/1373518), PubMed: [16672701](http://www.uniprot.org/citations/16672701), PubMed: [2463100](http://www.uniprot.org/citations/2463100)). Activates signaling pathways that lead to the activation of phosphatidylinositol 3-kinase and the mobilization of intracellular Ca<sup>2+</sup> stores (PubMed: [12387743](http://www.uniprot.org/citations/12387743), PubMed: [16672701](http://www.uniprot.org/citations/16672701), PubMed: [9317126](http://www.uniprot.org/citations/9317126)).

[9382888](http://www.uniprot.org/citations/9382888)). Is not required for early steps during B cell differentiation in the blood marrow (PubMed:[9317126](http://www.uniprot.org/citations/9317126)). Required for normal differentiation of B-1 cells (By similarity). Required for normal B cell differentiation and proliferation in response to antigen challenges (PubMed:[1373518](http://www.uniprot.org/citations/1373518), PubMed:[2463100](http://www.uniprot.org/citations/2463100)). Required for normal levels of serum immunoglobulins, and for production of high-affinity antibodies in response to antigen challenge (PubMed:[12387743](http://www.uniprot.org/citations/12387743), PubMed:[16672701](http://www.uniprot.org/citations/16672701), PubMed:[9317126](http://www.uniprot.org/citations/9317126)).

#### **Cellular Location**

Cell membrane; Single-pass type I membrane protein. Membrane raft  
{ECO:0000250|UniProtKB:P25918}; Single-pass type I membrane protein  
{ECO:0000250|UniProtKB:P25918}

#### **Tissue Location**

Detected on marginal zone and germinal center B cells in lymph nodes (PubMed:2463100).  
Detected on blood B cells (at protein level) (PubMed:16672701, PubMed:2463100)

### **Anti-CD19 Antibody (C-Terminus) - 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](#)

### **Anti-CD19 Antibody (C-Terminus) - Images**