

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

Application	WB, IHC-P
Primary Accession	P15391
Predicted	Human, Mouse, Rat, Monkey, Dog
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Calculated MW	61128
Dilution	WB~~1:1000 IHC-P~~N/A

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 (PubMed:<<http://www.uniprot.org/citations/29523808>>29523808). Decreases the threshold for activation of downstream signaling pathways and for triggering B-cell responses to antigens (PubMed:<<http://www.uniprot.org/citations/1373518>>1373518, PubMed:<<http://www.uniprot.org/citations/16672701>>16672701, PubMed:<<http://www.uniprot.org/citations/2463100>>2463100). Activates signaling pathways that lead to the activation of phosphatidylinositol 3-kinase and the mobilization of intracellular Ca(2+) stores (PubMed:<a

<http://www.uniprot.org/citations/12387743> target="_blank">12387743, PubMed:16672701, PubMed:9317126, PubMed:9382888). Is not required for early steps during B cell differentiation in the blood marrow (PubMed: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, PubMed:2463100). Required for normal levels of serum immunoglobulins, and for production of high-affinity antibodies in response to antigen challenge (PubMed:12387743, PubMed:16672701, PubMed: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