



A Reliable Research Partner in Life Science and Medicine

# **CD19 Monoclonal Antibody**

catalog number: AN200114P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

### Description

Reactivity Human

Immunogen A synthetic peptide corresponding to the N-terminus of the Human CD19

 Host
 Mouse

 Isotype
 IgG1

 Clone
 A962

 Purification
 Protein A

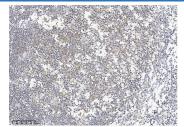
Buffer 0.2 µm filtered solution in PBS

Applications Recommended Dilution

**IHC-P** 1:50-1:200

#### Data





Immunohistochemistry of paraffin-embedded human spleen using CD19 Monoclonal Antibody at dilution of 1:100. Immunohistochemistry of paraffin-embedded human tonsil using CD19 Monoclonal Antibody at dilution of 1:100.

# **Preparation & Storage**

Storage This antibody can be stored at 2°C-8°C for one month without detectable loss of

activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

Shipping Ice bag

## **Background**

CD19 protein is a 95 kDa transmembrane glycoprotein that plays a central role in B cell activation and humoral immune responses . CD19 is expressed throughout B cell development from pre-B cells through mature B cells, and it is commonly used as a B cell lineage marker . It is required for the responsiveness of mature B cell to antigen stimulation, germinal center development, and antibody affinity maturation . The CD19 protein associates with the B cell antigen receptor (BCR), CD81, CD38, CD21, CD22, and IFITM1/CD225/Leu13. These associations enable CD19 to amplify B cell signaling and reduce the threshold for antigen stimulation through the BCR.

 Toll-free: 1-888-852-8623
 Tel: 1-832-243-6086
 Fax: 1-832-243-6017

 Web: www.elabscience.com
 Email: techsupport@elabscience.com

Rev. V1.2