

CD19 (AB2432) mouse mAb

W0122

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- IHC; WB; IF; ELISA

MW

- 61 kDa (calculated)
- 95 kDa (observed)

Isotype

- IgG

Recommended Dilution Ratios

Application

IHC; WB; IF; ELISA

Dilution

IHC, 1:200-1:1000 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality Monoclonal

Clone Number AB2432

Immunogen A synthetic peptide corresponding to the amino acid region 200 - 300 of the human CD19 protein.

Specificity This antibody detects endogenous levels of CD19 protein.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name CD19

Protein Name CD19

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P15391	930

Background CD19 molecule (CD19) Homo sapiens Lymphocytes proliferate and differentiate in response to various concentrations of different antigens. The ability of the B cell to respond in a specific, yet sensitive manner to the various antigens is achieved with the use of low-affinity antigen receptors. This gene encodes a cell surface molecule which assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation. [provided by RefSeq, Jul 2008],