

Datasheet

CD19 polyclonal antibody

Catalog Number: PAB19567

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic protein of CD19.

Immunogen: Synthetic protein corresponding to human CD19.

Host: Rabbit

Reactivity: Human, Mouse, Rat

Applications: ELISA, IF, IHC-P, WB
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Lyophilized

Purification: Protein G affinity chromatography

Purity: >95%

Isotype: IgG

Recommend Usage: ELISA (1-2 ug/mL)
Immunofluorescence (2-10 ug/mL)
Western Blot (2-10 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer: Lyophilized from PBS, pH 7.4.

Storage Instruction: Store at -20°C on dry atmosphere. After reconstitution with 0.01 M PBS pH 7.4 or other diluents (such as distilled water), store at 2-8°C for one month, or at -20°C for six months without detectable loss of activity. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 930

Gene Symbol: CD19

Gene Alias: B4, MGC12802

Gene Summary: 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]

References:

1. Cholinergic imbalance in lumbar spinal cord of a rat model of multiple sclerosis. Liu C, Liu H, Jin H, Yue X, Luo Z, Tu Z. J Neuroimmunol. 2018 May 15;318:29-35. doi: 10.1016/j.jneuroim.2018.01.016. Epub 2018 Feb 12.