

Datasheet

CD19 monoclonal antibody, clone A3-B1 (Biotin)

Catalog Number: MAB13833

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against human CD19.

Clone Name: A3-B1

Immunogen: Purified CD19 from human tonsil.

Host: Mouse

Theoretical MW (kDa): 90-95

Reactivity: Human

Applications: Flow Cyt

(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: Liquid

Conjugation: Biotin

Purification: Protein A/G purification

Purity: >90%

Isotype: IgG2a

Recommend Usage: Flow Cytometry (1 ug/10⁶ cells)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.4 (protein stabilizer, 0.09% sodium azide).

Storage Instruction: Store in the dark at 4°C. Avoid prolonged exposure to light.

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]