

Datasheet

CD19 monoclonal antibody, clone BU12

Catalog Number: MAB6901

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against native CD19.

Clone Name: BU12

Immunogen: Native purified CD19 from human EB-4 Burkitt lymphoma cell line .

Host: Mouse

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

Isotype: IgG1

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

Storage Buffer: In 50 mM sodium phosphate buffer, 100 mM potassium Chloride, 150 mM NaCl, pH 7.5 (0.5 mg/mL gentamicin sulfate)

Storage Instruction: Store at 4°C.

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. Engaging CD19 or target of an antiproliferative antibody 1 on human B lymphocytes induces binding of B cells to the interfollicular stroma of human tonsils via integrin alpha 4/beta 1 and fibronectin. Behr S, Schriever F. J Exp Med. 1995 Nov 1;182(5):1191-9.
2. The CD19/CR2/TAPA-1 complex of B lymphocytes: linking natural to acquired immunity. Fearon DT, Carter RH. Annu Rev Immunol. 1995;13:127-49.