

Datasheet

CD19 monoclonal antibody, clone 4G7 (PE)

Catalog Number: MAB10234

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against of CD19.

Clone Name: 4G7

Immunogen: Human CCL (chronic lymphocytic leukemia) cells.

Host: Mouse

Theoretical MW (kDa): 95

Reactivity: Human

Applications: Flow Cyt, ICC
(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

Specificity: CD19, type I transmembrane glycoprotein of immunoglobulin superfamily, expressed on B lymphocytes and follicular dendritic cells; it is lost on plasma cells.

Form: Liquid

Conjugation: PE

Purification: Size-exclusion chromatography purification

Isotype: IgG1

Recommend Usage: Flow Cytometry (20 uL reagent/100 uL of whole blood or 10⁶ cells)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.2% BSA, 0.09% sodium azide)

Storage Instruction: Store at 4°C. Do not freeze.

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]