

## Datasheet

### CD19 recombinant monoclonal antibody, clone 4G7

**Catalog Number:** RAB00023

**Regulatory Status:** For research use only (RUO)

**Product Description:** Recombinant mouse monoclonal antibody raised against human CD19.

**Clone Name:** 4G7

**Immunogen:** Original antibody is raised against human chronic lymphocytic leukemia cells.

**Reactivity:** Human

**Applications:** Flow Cyt, IF  
(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:** This antibody recognizes human CD19.

**Form:** Liquid

**Purification:** Protein A affinity purification

**Isotype:** IgG1, kappa

**Recommend Usage:** Flow Cytometry (1 ug/mL)  
Immunofluorescence  
The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS, pH 7.2 (0.02% Proclin 300).

**Storage Instruction:** Store at 4°C for up to 3 months.  
For long term storage store at -20°C.  
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]