

RecomAb™

CD19 recombinant monoclonal antibody, clone 4G7

Catalog # RAB00121 Size 200 ug

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CD19.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against human chronic lymphocytic leukemia cells.
Reactivity	Human
Form	Liquid
Purification	Protein A affinity purification
Isotype	IgG, 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 long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunofluorescence
- Flow Cytometry

Gene Info — CD19

Entrez GeneID

[930](#)

Protein Accession#	P15391
Gene Name	CD19
Gene Alias	B4, MGC12802
Gene Description	CD19 molecule
Omim ID	107265
Gene Ontology	Hyperlink
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]
Other Designations	B-lymphocyte antigen CD19 CD19 antigen

Pathway

- [B cell receptor signaling pathway](#)
- [Hematopoietic cell lineage](#)
- [Primary immunodeficiency](#)

Disease

- [Arthritis](#)
- [Crohn Disease](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Pemphigus](#)
- [Scleroderma](#)