

RecomAb™

CD19 recombinant monoclonal antibody, clone HD37

Catalog # RAB00021 Size 200 ug

Specification

Product Description	Mouse recombinant monoclonal antibody raised against human CD19.
Antibody Species	Mouse
Immunogen	Original antibody is raised against cells from a hairy cell leukemia patient.
Reactivity	Human
Specificity	This antibody recognizes human CD19.
Form	Liquid
Purification	Protein A affinity purification
Isotype	IgG1, kappa
Recommend Usage	Blocking Flow Cytometry (1 ug/mL) Immunofluorescence Immunohistochemistry (5 ug/mL) Immunoprecipitation (10 ug/mL) 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.

Applications

- Immunohistochemistry
- Immunofluorescence

- Immunoprecipitation
- Blocking
- 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](#)