

RecomAb™

CD19 recombinant monoclonal antibody, clone HD37

Catalog # RAB03186 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

Form Liquid

Isotype IgG1 kappa

Recommend Usage Blocking
Flow Cytometry
Immunofluorescence
Immunohistochemistry
Immunoprecipitation
The optimal working dilution should be determined by the end user.

Storage Buffer In PBS with 0.02% Proclin 300

Storage Instruction Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Blocking

- Flow Cytometry

Gene Info — CD19

Entrez GeneID	930
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](#)