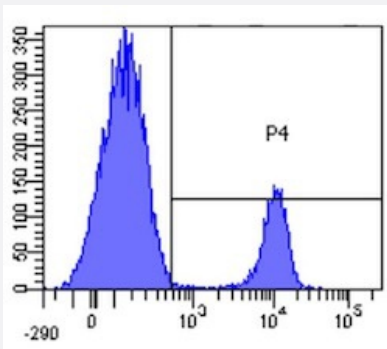


RecomAb™

# CD19 recombinant monoclonal antibody, clone HD37

Catalog # RAB03187      Size 200 ug

## Applications



### Flow Cytometry

Flow cytometric analysis of human leukocytes with CD19 recombinant monoclonal antibody, clone HD37 (Cat # RAB03187).

Human lymphocytes were stained with an isotype control (3.0- panel A) or the rmeric version of (RAB03187- panel B) at a concentration of 1 ug/ml for 30 mins at RT.

## Specification

<b>Product Description</b>	Rabbit recombinant monoclonal antibody raised against human CD19.
<b>Antibody Species</b>	Rabbit
<b>Immunogen</b>	Original antibody is raised against cells from a hairy cell leukemia patient.
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	Blocking Flow Cytometry Immunofluorescence Immunohistochemistry Immunoprecipitation The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	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

Flow cytometric analysis of human leukocytes with CD19 recombinant monoclonal antibody, clone HD37 (Cat # RAB03187). Human lymphocytes were stained with an isotype control (3.0- panel A) or the rmeric version of (RAB03187- panel B) at a concentration of 1 ug/ml for 30 mins at RT.

## 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](#)