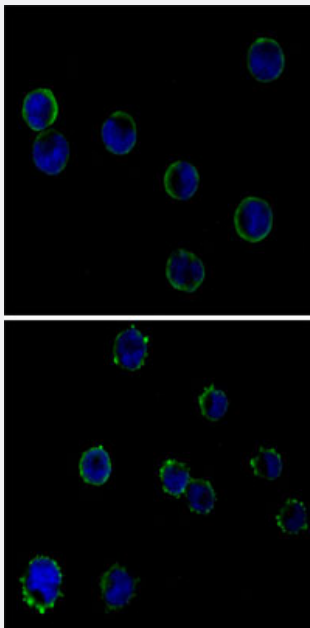


CD19 monoclonal antibody, clone 2E2

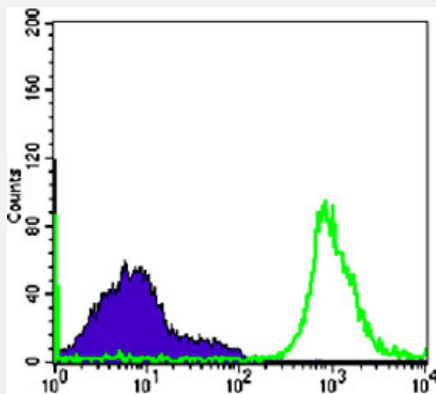
Catalog # MAB10527 Size 100 uL

Applications



Immunofluorescence

Immunofluorescence analysis of HL-60 (upper) and K-562 (bottom) cells using CD19 monoclonal antibody, clone 2E2 (Cat # MAB10527) (green). Blue: DRAQ5 fluorescent DNA dye.



Flow Cytometry

Flow cytometric analysis of Raji cells using CD19 monoclonal antibody, clone 2E2 (Cat # MAB10527) (green) and negative control (purple).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant CD19.
Immunogen	Recombinant protein corresponding to human CD19.

Host	Mouse
Theoretical MW (kDa)	61
Reactivity	Human
Form	Liquid
Isotype	IgG2b
Recommend Usage	ELISA (1:10000) Immunofluorescence (1:200-1:1000) Flow cytometry (1:200-1:400) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascites (0.03% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunofluorescence

Immunofluorescence analysis of HL-60 (upper) and K-562 (bottom) cells using CD19 monoclonal antibody, clone 2E2 (Cat # MAB10527) (green). Blue: DRAQ5 fluorescent DNA dye.

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

Flow cytometric analysis of Raji cells using CD19 monoclonal antibody, clone 2E2 (Cat # MAB10527) (green) and negative control (purple).

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](#)