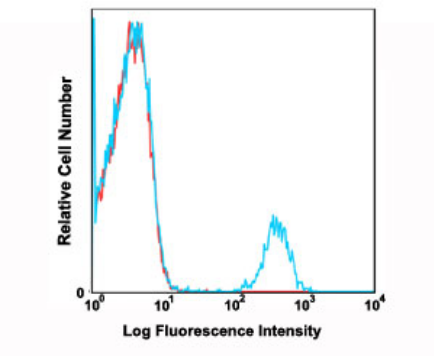
CD19 monoclonal antibody, clone HIB19 (PE)

Catalog # MAB12220 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of human peripheral blood lymphocytes using CD19 monoclonal antibody, clone HIB19 (PE) (Cat # MAB12220) compared to a relevant isotype control in red.

Specification

Product Description	Mouse monoclonal antibody raised against CD19.
Immunogen	CD19
Host	Mouse
Reactivity	Human
Form	Liquid
Conjugation	PE
Purification	Affinity Chromatography
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.2 (0.09% Sodium azide, may contain carrier protein/stabilizer).
Storage Instruction	Store in the dark at 4°C. Avoid prolonged exposure to light. Do not freeze.

Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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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 antige ns. 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 fo r 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