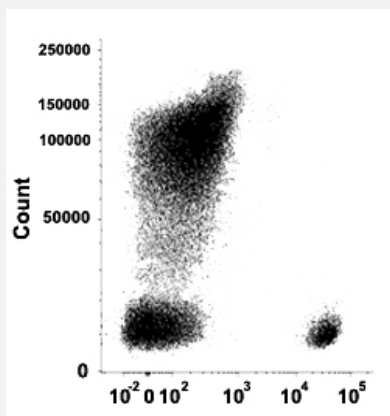


CD19 monoclonal antibody, clone HIB19 (PE-Cyanine5)

Catalog # MAB13835 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of human peripheral blood lymphocytes with CD19 monoclonal antibody, clone HIB19 (PE-Cyanine5) (Cat # MAB13835).

Specification

Product Description Mouse monoclonal antibody raised against human CD19.

Immunogen Purified CD19 from human tonsil.

Host Mouse

Theoretical MW (kDa) 90-95

Reactivity Human

Form Liquid

Conjugation PE-Cyanine5

Purification Protein A/G purification

Purity >90%

Isotype IgG1, kappa

Recommend Usage

Flow Cytometry (20 μ L/10⁶ cells)
Immunohistochemistry (Frozen sections)
The optimal working dilution should be determined by the end user.

Storage Buffer

In PBS, pH 7.4 (protein stabilizer, 0.09% sodium azide).

Storage Instruction

Store in the dark at 4°C. Avoid prolonged exposure to light.

Note

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

Applications

- Immunohistochemistry (Frozen sections)

- Flow Cytometry

Flow cytometric analysis of human peripheral blood lymphocytes with CD19 monoclonal antibody, clone HIB19 (PE-Cyanine5) (Cat # MAB13835).

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](#)