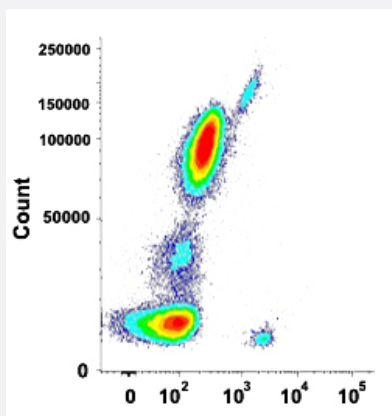


CD19 monoclonal antibody, clone A3-B1 (CF-Blue)

Catalog # MAB13834 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of human normal whole blood with CD19 monoclonal antibody, clone A3-B1 (CF-Blue) (Cat # MAB13834).

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 CF-Blue

Purification Protein A/G purification

Purity >90%

Isotype IgG2a

Recommend Usage	Flow Cytometry (5 μ L/10 ⁶ cells) 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

- Flow Cytometry

Flow cytometric analysis of human normal whole blood with CD19 monoclonal antibody, clone A3-B1 (CF-Blue) (Cat # MAB13834).

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](#)