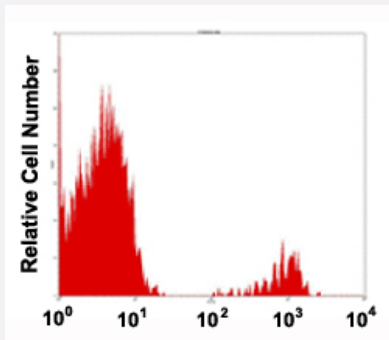


CD19 monoclonal antibody, clone COC19 (PE-Cy5)

Catalog # MAB12399 Size 50 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of human peripheral blood lymphocytes reacted with CD19 monoclonal antibody, clone COC19 (PE-Cy5) (Cat # MAB12399).

Specification

Product Description	Mouse monoclonal antibody raised against human CD19.
Immunogen	CD19
Host	Mouse
Reactivity	Human
Form	Liquid
Conjugation	PE-Cy5
Purification	Protein A/G affinity chromatography
Isotype	IgG1
Recommend Usage	Flow cytometry Immunofluorescence The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide, 0.2% BSA)
Storage Instruction	Store at 4°C. Do not freeze.

Note

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

Applications

- Immunofluorescence
- Flow Cytometry

Flow cytometric analysis of human peripheral blood lymphocytes reacted with CD19 monoclonal antibody, clone COC19 (PE-Cy5) (Cat # MAB12399).

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](#)