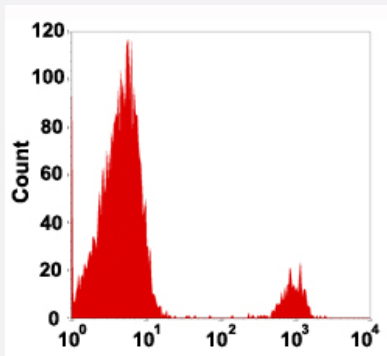


CD19 monoclonal antibody, clone COC19 (PE)

Catalog # MAB12398 Size 50 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of human peripheral blood lymphocytes reacted with CD19 monoclonal antibody, clone COC19 (PE) (Cat # MAB12398).

Specification

| | |
|----------------------------|--|
| Product Description | Mouse monoclonal antibody raised against human CD19. |
| Immunogen | CD19 |
| Host | Mouse |
| Reactivity | Human |
| Form | Liquid |
| Conjugation | PE |
| 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) (Cat # MAB12398).

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](#)