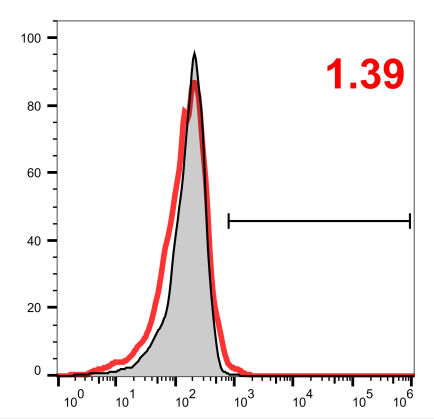
RecomAb™ | *In Vivo* Functional Grade Antibodies | Sm Size

CD19 recombinant monoclonal antibody, clone SJ25C1

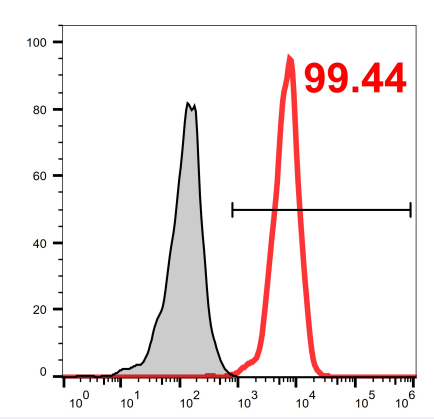
Catalog # RAB07875 Size 5 mg, 1 mg

Applications



Flow Cytometry

Flow cytometric analysis of CD19 recombinant monoclonal antibody, clone SJ25C1 (Cat # RAB07875) negative reactivity against human Jurkat cell line.



Flow Cytometry

Flow cytometric analysis of CD19 recombinant monoclonal antibody, clone SJ25C1 (Cat # RAB07875) positive reactivity against human Raji cell line.

Specification

Product Description	CD19 recombinant monoclonal antibody, clone SJ25C1 targeting human CD19 recombinant protein.
Antibody Species	Mouse
Immunogen	Human CD19 recombinant protein
Reactivity	Human

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Preparation Method	Mammalian cell (CHO) expression system
Purification	Protein A
Isotype	Mouse IgG1, kappa
Concentration	≥ 3 ug/uL
Purity	> 95% by SDS-PAGE under reducing conditions.
Endotoxin Level	< 1 EU per 1 mg of the protein by the LAL method.
Form	Liquid
Storage Buffer	PBS pH 7.4 with no stabilizers or preservatives added
Sterility	0.2 um filtration
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Flow Cytometry

  Flow cytometric analysis of CD19 recombinant monoclonal antibody, clone SJ25C1 (Cat # RAB07875) negative reactivity against human Jurkat cell line.

- Flow Cytometry

  Flow cytometric analysis of CD19 recombinant monoclonal antibody, clone SJ25C1 (Cat # RAB07875) positive reactivity against human Raji cell line.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CD19

Entrez GeneID	930
Gene Name	CD19
Gene Alias	B4, MGC12802
Gene Description	CD19 molecule
Omim ID	107265

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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

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