

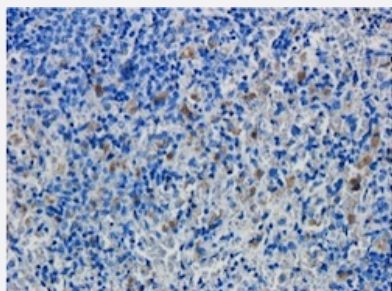
RecomAb™

CD19 recombinant monoclonal antibody, clone FMC63

Catalog # RAB03184

Size 200 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of rat spleen tissue with CD19 recombinant monoclonal antibody, clone FMC63 (Cat # RAB03184).

Anti-CD19 staining of formaldehyde fixed paraffin embedded rat spleen tissue- at 40x magnification. RAB03184 was used to stain samples at a concentration of 3 ug/ml.

Specification

Product Description	Mouse recombinant monoclonal antibody raised against human CD19.
Antibody Species	Mouse
Immunogen	Original antibody is raised against human prolymphocytic leukaemia cell line JVM3.
Reactivity	Human
Form	Liquid
Isotype	IgG2a kappa
Recommend Usage	Flow Cytometry Immunofluorescence Immunohistochemistry The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS with 0.02% Proclin 300
Storage Instruction	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.

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- Immunofluorescence
- Flow Cytometry

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](#)