

Product Name: CD19 (3G7) Mouse Monoclonal Antibody
Catalog #: AMM03337

Summary

Production Name	CD19 (3G7) Mouse Monoclonal Antibody
Description	Mouse monoclonal Antibody
Host	Mouse
Application	ICC/IF,FC
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Immunogen

Gene Name	CD19
Alternative Names	CD19; B-lymphocyte antigen CD19; B-lymphocyte surface antigen B4; Differentiation antigen CD19; T-cell surface antigen Leu-12; CD19
Gene ID	930
SwissProt ID	P15391.

Application

Dilution Ratio	ICC/IF 1:50-1:200,FC 1:50-1:100
Molecular Weight	-

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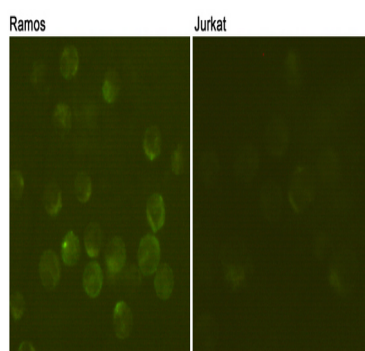
Background

CD19 is a transmembrane glycoprotein that contains two extracellular immunoglobulin-like domains. Assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation.

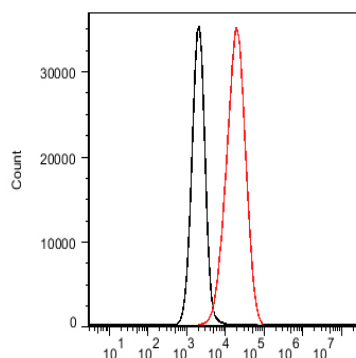
Research Area

Immunology

Image Data



Immunofluorescence analysis of CD19 (3G7) in Ramos (positive cell, left) and Jurkat (negative cell, right) using CD19 (3G7) antibody.



Flow Cytometry analysis of Jurkat T cells (black) and Ramos B cells (red), stained with CD19 antibody.

Note

For research use only.