

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

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## Summary

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

## Performance

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

## Immunogen

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

## Application

<b>Dilution Ratio</b>	IF: 1:50-1:200 FC: 1:50-1:100
<b>Molecular Weight</b>	-

## Background

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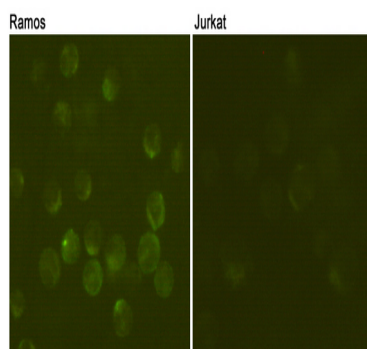


CD19 is a transmembrane glycoprotein that contains two extracellular immunoglobulin-like domains. Assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation.

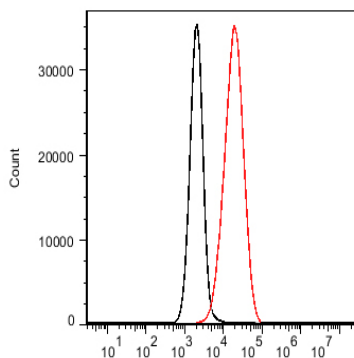
## Research Area

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.