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**Product Name: CD19 Mouse Monoclonal Antibody****Catalog #: AMM84989**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	ICC,FC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide,0.5%protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

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

**Antigen Information**

<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>	930.0
<b>SwissProt ID</b>	P15391
<b>Immunogen</b>	A synthesized peptide derived from human CD19

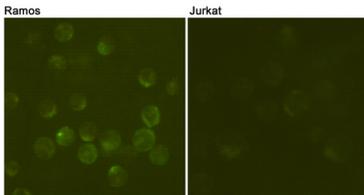
**Background**

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.

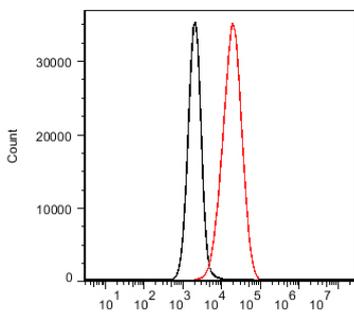
## Research Area

PI3K-Akt signaling pathway

## Image Data



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



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