

Product Name: CD19 Mouse Monoclonal Antibody**Catalog #: AMM80841**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ICC,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS containing 0.03% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	61kDa

Antigen Information

Gene Name	CD19
Alternative Names	B4; MGC12802
Gene ID	930.0
SwissProt ID	P15391
Immunogen	Purified recombinant fragment of human CD19 expressed in E. Coli.

Background

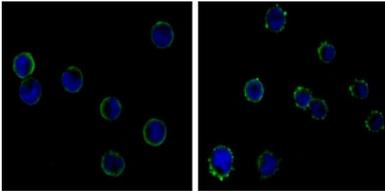
The CD19 antigen (95kDa) is expressed from the earliest stage of B progenitor development, on all peripheral B cells including germinal centre B cells, and all B cell lines and B cell leukaemia tested. T cell and monocytic cell lines are negative and the antigen is lost on B cell maturation to plasma cells. The antigen is a type I integral membrane glycoprotein whose in vitro

inhibition will influence B cell activation and proliferation.

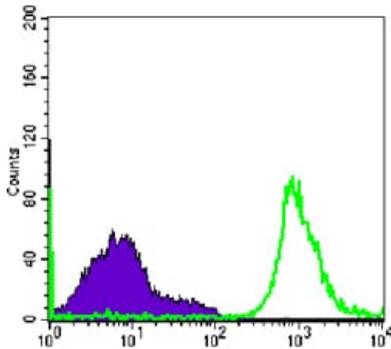
Research Area

PI3K-Akt signaling pathway

Image Data



Immunofluorescence analysis of HL-60(left) and K562 (right) cells using CD19 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



Flow cytometric analysis of Raji cells using CD19 mouse mAb (green) and negative control (purple).