

## CD19 monoclonal antibody

Catalog: MB21324

Host: Mouse

Reactivity: Human

**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.

**Product:**

Ascitic fluid containing 0.03% sodium azide.

**Molecular Weight:**

61kDa

**Swiss-Prot:**

P15391

**Purification&Purity:**

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

**Applications:**

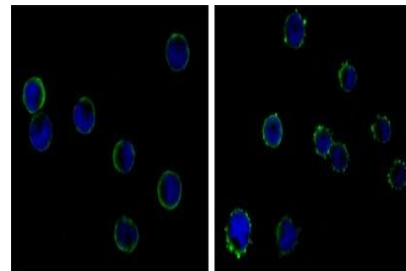
IF: 1/200 - 1/1000 FC: 1/200 - 1/400

**Storage&Stability:**

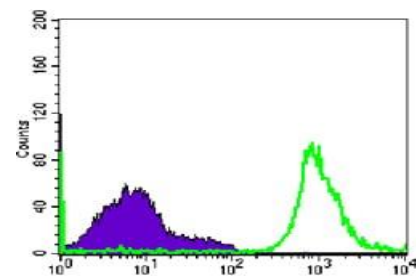
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

Mouse IgG2b

**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).

**Note:**

For research use only, not for use in diagnostic procedure.

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