



CD19 Mouse Monoclonal Antibody

E10-30039

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.

Catalog Number: E10-30039

Amount: 100µg/100µl

Clone Number: 2E2

Species: Mouse IgG1

MW 61kDa

Aliases: B4; MGC12802

Entrez Gene: 930

Immunogen: Purified recombinant fragment of human CD19 expressed in E. Coli.

Storage: Store at 4°C, for long term storage, store at -20°C.

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB, FC, ELISA. Not yet tested in other applications.

Application notes: WB: 1/500 - 1/2000, FC: 1/200-1/400, ELISA: Propose dilution 1/10000.

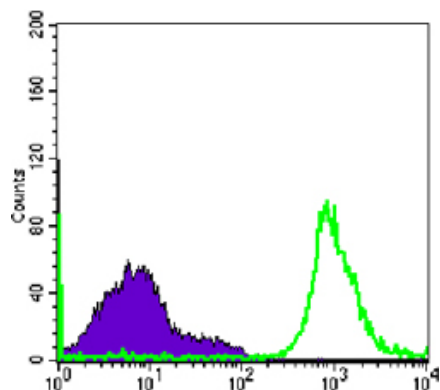


Figure 1: Flow cytometric analysis of Raji cells using CD19 mouse mAb (green) and negative control (purple).

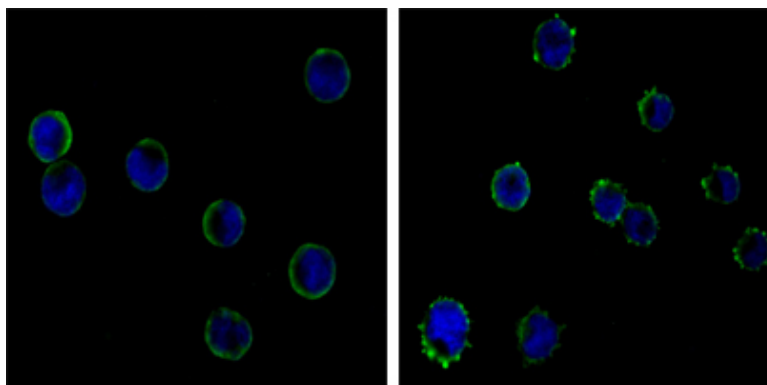


Figure 2: Immunofluorescence analysis of HL-60(left) and K562 (right) cells using CD19 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.

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