

10-4075: Monoclonal Antibody to hCD19 (Clone: CB19)

Clonality :	Monoclonal
Clone Name :	CB19
Application :	FACS, WB
Reactivity :	Human
Gene :	CD19
Gene ID :	930
Uniprot ID :	P15391
Format :	Purified
Alternative Name :	B-lymphocyte antigen CD19, B-lymphocyte surface antigen B4, Differentiation antigen CD19, T-cell surface antigen Leu-12, CD19
Isotype :	Mouse IgG1 kappa
Immunogen Information :	Intact normal human B cell cells were used as immunogen for this antibody.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein G Chromatography
Content :	25 µg in 50 µl / 100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

WB: 4-6 µg/ml, FACS: 0.5-1 µg/10⁶

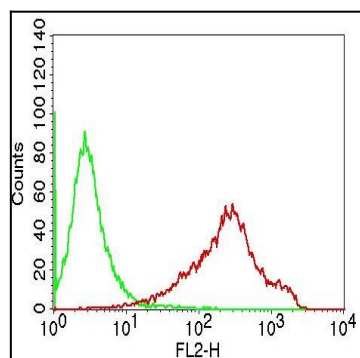


Figure-1: Surface flow cytometric analysis of CD19 on Raji cells using 0.5 µg antibody per 10⁶ cells of antibody (Clone: CB19). Green represents isotype control; red represents anti-CD19 antibody (10-4075). Goat anti-mouse PE conjugate secondary antibody was used.

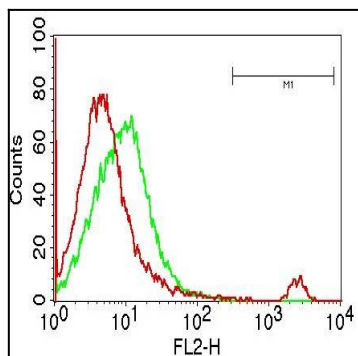


Figure-2: Cell Surface flow staining of hCD19 in PBMCs (lymphocytes gated) using 0.5 μ g antibody per 10^6 cells of antibody (Clone: CB19). Green represents isotype control (ABEOMICS); red represents anti-hCD19 antibody (10-4075). Goat anti-mouse PE conjugate secondary antibody was used.

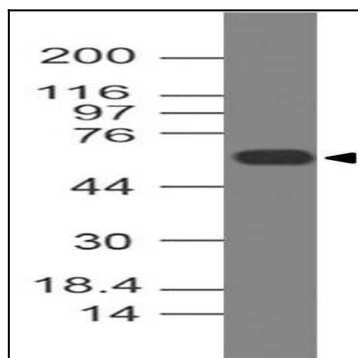


Figure-3: Western blot analysis of hCD19. Anti-hCD19 antibody (Clone: CB19) was used at 2 μ g/ml on Daudi lysate.