

## 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/10<sup>6</sup>

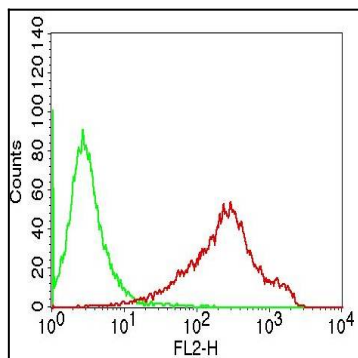


Figure-1: Surface flow cytometric analysis of CD19 on Raji cells using 0.5 µg antibody per 10<sup>6</sup> cells of antibody (Clone: CB19). Green represents isotype control; red represents anti-CD19 antibody (10-4075). Goat anti-mouse PE conjugate secondary antibody was used.

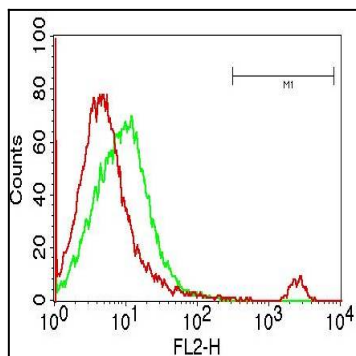


Figure-2: Cell Surface flow staining of hCD19 in PBMCs (lymphocytes gated) using 0.5  $\mu$ g antibody per  $10^6$  cells of antibody (Clone: CB19). Green represents isotype control (ABEOMICS); red represents anti-hCD19 antibody (10-4075). Goat anti-mouse PE conjugate secondary antibody was used.

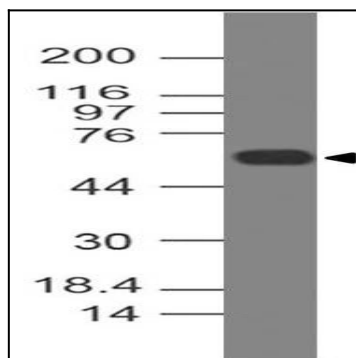


Figure-3: Western blot analysis of hCD19. Anti-hCD19 antibody (Clone: CB19) was used at 2  $\mu$ g/ml on Daudi lysate.