

Purified Anti-Human CD20 Antibody[BCA/B20]

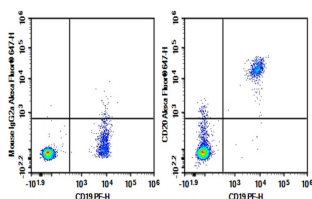
catalog number: E-AB-F1045A

Note: Centrifuge before opening to ensure complete recovery of vial contents.

| Description | |
|--------------|---|
| Reactivity | Human |
| Immunogen | Recombinant Human CD20 protein |
| Host | Mouse |
| Isotype | Mouse IgG2a, κ |
| Clone | BCA/B20 |
| Purification | >98%, Protein A/G purified |
| Conjugation | Unconjugated |
| Buffer | PBS, pH 7.2. Contains 0.05% Proclin300. |

| Applications | Recommended Dilution |
|--------------|--|
| FCM | 2 µg/mL (1×10^5 - 5×10^5 cells) |

Data



Human peripheral blood lymphocytes cell were stained with 0.2 µg Purified Anti-Human CD20 Antibody[BCA/B20] (Right) and 0.2 µg Mouse IgG2a, κ Isotype Control (Left), followed by Alexa Fluor® 647-conjugated Goat Anti-Mouse IgG Secondary Antibody, then anti-Human CD19 PE-conjugated Monoclonal Antibody.

| Preparation & Storage | |
|-----------------------|--|
| Storage | Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. |
| Shipping | Ice bag |

Background

CD20 is a 297 amino acid (aa) non-glycosylated type III membrane protein that is the founding member of the MS4A tetraspanin protein family. It is expressed on pre-B, naïve and mature B lymphocytes and B-cell lymphomas. CD20 is associated with lipid rafts upon crosslinking, and appears to play a role in regulation of ion influx. The one extracellular segment of 48 aa shows 65% aa sequence identity between human and Mouse CD20.