

## Purified Anti-Human CD20 Antibody[BCA/B20]

catalog number: **E-AB-F1045A**

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

### Description

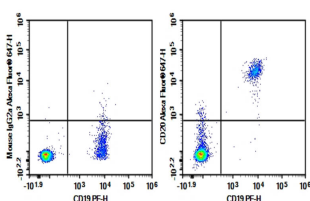
<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human CD20 protein
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG2a, κ
<b>Clone</b>	BCA/B20
<b>Purification</b>	>98%, Protein A/G purified
<b>Buffer</b>	PBS, pH 7.2. Contains 0.05% Proclin300.

### Applications

### Recommended Dilution

<b>FCM</b>	2 µg/mL(1×10 <sup>5</sup> -5×10 <sup>5</sup> cells)
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### 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

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
<b>Shipping</b>	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.

### For Research Use Only