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Purified Anti-Human CD20 Antibody[2H7]

catalog number: E-AB-F1212A

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

Description

Reactivity Human

Immunogen Recombinant Human CD20 protein

Host Mouse

Isotype Mouse IgG2b, κ

Clone 2H7

Purification >98%, Protein A/G purified

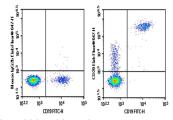
Buffer Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer.

Dialyze to completely remove the stabilizer prior to labeling.

Applications Recommended Dilution

FCM 2 μ g/mL(0.5×10⁶-1×10⁶ cells)

Data



Human peripheral blood lymphocytes were stained with 0.2 μ g Purified Anti-Human CD20 Antibody[2H7](Right) and 0.2 μ g Mouse IgG2b, κ Isotype Control(Left), followed by Elab

Fluor[®] 647-conjugated Goat Anti-Mouse IgG Secondary Antibody, then anti-Human CD19 FITC-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 33-37 kD, four transmembrane spanning protein, also known as B1 and Bp35. CD20 is expressed on pre-B-cells, resting and activated B cells (not plasma cells), some follicular dendritic cells, and at low levels on a T cell subset. CD20 is heavily phosphorylated on activated B cells and malignant B cells. Homo-oligomeric complexes of CD20 are thought to form Ca2+ conductive ion channels in the plasma membrane of B cells. The CD20 molecule is involved in B-cell activation and is associated with various Src family kinases (Lyn, Lck, Fyn). It exists in a complex with MHC class I and II, CD53, CD81, and CD82.

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