

AF/LE Purified Anti-Human CD47 Antibody[B6H12]

catalog number: E-AB-F14130

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

Description

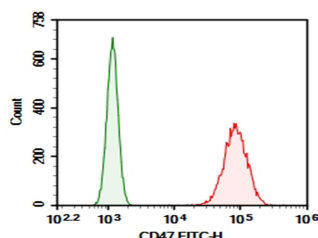
Reactivity	Human
Immunogen	Recombinant Human CD47 protein
Host	Mouse
Isotype	Mouse IgG1, κ
Clone	B6H12
Purification	>98%, Protein A/G purified
Conjugation	None (AF/LE)
buffer	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method

Applications

Recommended Dilution

FCM	2 $\mu\text{g/mL}$ (1×10^5 - 5×10^5 cells)
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Data



Jurkat were stained with 0.2 μg AF/LE Purified Anti-Human CD47 Antibody[B6H12] (Right) and 0.2 μg Mouse IgG21, κ Isotype Control (Left), followed by FITC-conjugated Goat Anti-Mouse IgG Secondary Antibody.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions.
Shipping	Ice bag

Background

CD47 (also integrin-associated protein/IAP and OA3) is a variably glycosylated, 40-60 kDa atypical member of the Ig-Superfamily. It is expressed on almost all cell types, including erythrocytes. CD47 binds to TSP-1 and SIRP alpha, and forms a membrane complex with CD36 and α v beta 3. Mature human CD47 is a 305 amino acid (aa), five-transmembrane glycoprotein.

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