Purified Anti-Human CD47 Antibody[B6H12]

catalog number: **E-AB-F14130P**

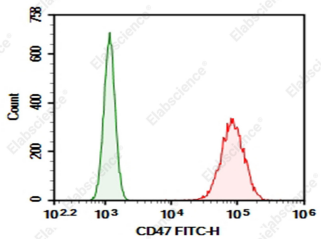
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant Human CD47 protein
Host	Mouse
Isotype	Mouse IgG1, κ
Clone	B6H12
Purification	>98%, Protein A/G purified
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	≤ 0.2 μg per million cells in 100 μL volume

Data



Jurkat were stained with 0.2 μg 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.
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 alpha v beta 3. Mature human CD47 is a 305 amino acid (aa), five-transmembrane glycoprotein.

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