

Purified Anti-Human HLA-B7 Antibody[BB7.1]

catalog number: AN015670P

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

Description

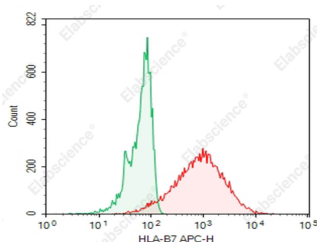
Reactivity	Human
Immunogen	Recombinant Human HLA-B7 protein
Host	Mouse
Isotype	Mouse IgG1, κ
Clone	BB7.1
Purification	>98%, Protein A/G purified
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

Applications

Recommended Dilution

FCM $\leq 0.2 \mu\text{g}$ per million cells in 100 μL volume

Data



Jurkat were stained with 0.2 μg Purified Anti-Human HLA-B7 Antibody[BB7.1] (Right) and 0.2 μg Mouse IgG1, κ Isotype Control (Left), followed by APC-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

HLA-B belongs to the HLA class I heavy chain paralogues. HLA-B7 is a serotype of HLA-B and one of the common HLA types. MHC class I heavy chains associate with $\beta 2$ -microglobulin and are expressed on nearly all nucleated cells. MHC class I molecules are involved in the presentation of antigens to CD8⁺ T cells and thereby play an important role in cell-mediated immune responses and immune surveillance.

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Rev. V1.0