

Purified Anti-Human CD86 Antibody[IT2.2], Functional Grade

catalog number: E-AB-F12690

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

Description

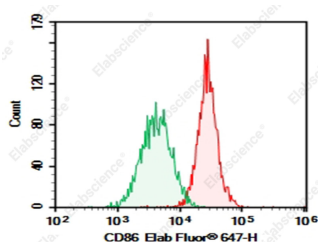
Reactivity	Human
Immunogen	Recombinant Human CD86 protein
Host	Mouse
Isotype	Mouse IgG2b, κ
Clone	IT2.2
Purification	>98%, Protein A/G purified
Buffer	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method.

Applications

Recommended Dilution

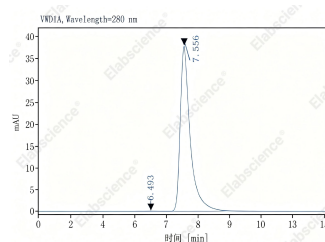
FCM $\leq 0.2 \mu\text{g}$ per million cells in 100 μL volume

Data



Human peripheral blood monocytes cell were stained with 0.2 μg Purified Anti-Human CD86 Antibody[IT2.2], Functional Grade (Right) and 0.2 μg Mouse IgG2b, κ

Isotype Control (Left), followed by Elab Fluor® 647-conjugated Goat Anti-Mouse IgG Secondary Antibody.



Human peripheral blood monocytes cell were stained with 0.2 μg Purified Anti-Human CD86 Antibody[IT2.2], Functional Grade (Right) and 0.2 μg Mouse IgG2b, κ Isotype

Control (Left), followed by Elab Fluor® 647-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

This gene encodes a type I membrane protein that is a member of the immunoglobulin superfamily. This protein is expressed by antigen-presenting cells, and it is the ligand for two proteins at the cell surface of T cells, CD28 antigen and cytotoxic T-lymphocyte-associated protein 4. Binding of this protein with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of this protein with cytotoxic T-lymphocyte-associated protein 4 negatively regulates T-cell activation and diminishes the immune response. Alternative splicing results in several transcript variants encoding different isoforms.

None (Azide-Free, Low Endotoxin) are perfectly suited to be used in culture or in vivo (for nonhuman studies) for functional assays blocking, neutralizing, activation or depletion where the presence of azide may damage cells or exogenous endotoxin may signal or activate cells.

For Research Use Only

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