

Purified Anti-Human CD137L Antibody[C65-485]

catalog number: AN013030P

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

Description

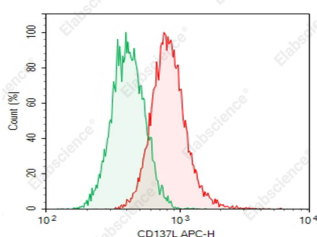
Reactivity	Human
Immunogen	Recombinant Human CD137L protein
Host	Mouse
Isotype	Mouse IgG1, κ
Clone	C65-485
Purification	>98%, Protein A/G purified
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

Applications

Recommended Dilution

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

Data



Hela were stained with 0.2 μg Purified Anti-Human CD137L Antibody[C65-485] (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

The C65-485 monoclonal antibody specifically recognizes the type II membrane protein known as 4-1BB Ligand (4-1BB-L) or CD137 Ligand (CD137L). This molecule belongs to the TNF superfamily and is encoded by TNFSF9 (Tumor necrosis factor superfamily member 9). CD137 Ligand has been reported to have costimulatory function on activated T cells. Reports suggest that stimulation of activated T cells via CD137 Ligand does not require the presence of other costimulatory molecules, including CD28. Some studies have reported human CD137 Ligand to be expressed preferentially on primary B cells and B-cell lines. The C65-485 antibody is able to react with recombinant human 4-1BB Ligand (rh4-1BB-L/CD137L) bound to CD137 (4-1BB receptor) expressed on phytohemagglutinin (PHA)-stimulated PBMC.

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