

Purified Anti-Human CD277 Antibody[ICT01]

catalog number: AN008880P

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

Description

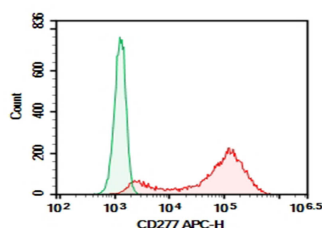
| | |
|---------------------|---|
| Reactivity | Human |
| Immunogen | Recombinant Human CD277 protein |
| Host | Mouse |
| Isotype | Human IgG1, κ |
| Clone | ICT01 |
| Purification | >98%, Protein A/G purified |
| Buffer | Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling. |

Applications

Recommended Dilution

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|------------|---|
| FCM | 2 $\mu\text{g/mL}$ (0.5×10^6 - 1×10^6 cells) |
|------------|---|

Data



HEK293T cells transfected with pcDNA3.1 plasmid encoding human CD277 gene were stained with 0.2 μg Purified Anti-Human CD277 Antibody[ICT01] (Right) and 0.2 μg Human IgG1, κ Isotype Control (Left), followed by APC-conjugated Goat Anti-Human 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

Butyrophilin subfamily 3A (BTN3A), also known as CD277, is a 56 kD type 1 transmembrane glycoprotein. The butyrophilin (BT)/B7 3A family includes three members, BTN3A1, BTN3A2, and BTN3A3, which share a highly conserved extracellular IgV-like domain. BTN3A is broadly expressed in various immune cells including T cells, B cells, NK cells, monocytes, dendritic cells, endothelial cells, and some tumor cells. It plays a role in T cell activation, regulating their proliferation and release of IFN γ and other cytokines.

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