

Purified Anti-Mouse CD278 Antibody[C398.4A]

catalog number: AN008130P

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

Description

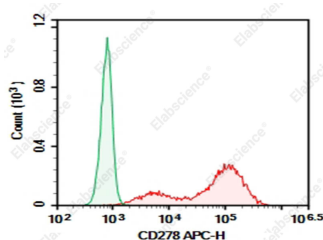
Reactivity	Mouse
Immunogen	Recombinant Mouse CD278 protein
Host	Armenian Hamster
Isotype	Armenian Hamster IgG
Clone	C398.4A
Purification	>98%, Protein A/G purified
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

Applications

Recommended Dilution

FCM ≤ 0.2 µg per million cells in 100 µL volume

Data



HEK293T cells transfected with pcDNA3.1 plasmid encoding Mouse CD278 gene were stained with 0.2 µg Purified Anti-Mouse CD278 Antibody[C398.4A] (Right) and 0.2 µg Armenian Hamster IgG, κ Isotype Control (Left), followed by APC-conjugated Goat Anti-Armenian Hamster 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

ICOS, also known as inducible costimulatory molecule and H4, is a 47-57 kD protein. This protein is homologous to the CD28/CTLA-4 proteins. ICOS is expressed on activated T cells and a subset of thymocytes. It is able to costimulate T cells proliferation. In addition, ICOS is involved in humoral immune responses (B cell germinal center formation). The ICOS ligand is B7h/B7RP-1 or B7-H2. ICOS stimulation has been shown to potentiate TCR-mediated IL-4 and IL-10 production and has been proposed to play a role in Th2 cell development.

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