Purified Anti-Human CD178 Antibody[NOK-1]

catalog number: **AN009640P**

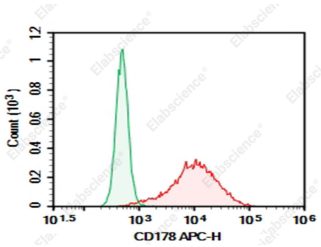
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant Human CD178 protein
Host	Mouse
Isotype	Mouse IgG1, κ
Clone	NOK-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	≤ 0.2 μg per million cells in 100 μL volume

Data



HEK293T cells transfected with pcDNA3.1 plasmid encoding Human CD178 gene were stained with 0.2 μg Purified Anti-Human CD178 Antibody[NOK-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

Fas Ligand (FasL), also known as CD178, CD95L, or TNFSF6, is a transmembrane protein homotrimer that binds to Fas/CD95 and triggers apoptosis in the Fas-expressing cell. Fas Ligand also binds the soluble decoy receptor DcR3. It is expressed on activated Th1 cells, CD8+ cytotoxic T cells, and NK cells. A soluble form can be released which remains trimeric and retains the ability to bind Fas. Fas Ligand-induced apoptosis plays a central role in the development of immune tolerance and the maintance of immune privileged sites. Tumor cells can evade immune surveillance by upregulating Fas Ligand to kill tumor infiltrating lymphocytes. In gld mice, a Fas Ligand point mutation is the cause of severe lymphoproliferation and systemic autoimmunity.

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