Purified Anti-Mouse CD120b/TNFR2 Antibody[TR75-54.7]

catalog number: **E-AB-F1035A**

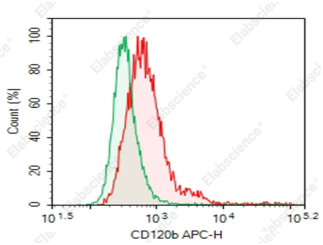
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Mouse
Immunogen	Recombinant Mouse CD120b/TNFR2 protein
Host	Armenian Hamster
Isotype	Armenian Hamster IgG
Clone	TR75-54.7
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



C57/BL6 Mouse splenocytes cell were stained with 0.2 μg Purified Anti-Mouse CD120b Antibody[TR75-54.7](Right) and 0.2 μg Armenian hamster IgG1, 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

CD120b is a 75 kD type I transmembrane protein, also known as Tumor Necrosis Factor Receptor Type II (TNFRII) or p75. It is expressed on a variety of cells at low levels; the expression is upregulated upon activation. This receptor binds both TNF-α and LT-α (also known as TNF-β). In association with TRAF1 and TRAF2, the receptor crosslinking induced by TNF-α or LT-α trimers is critical for signal transduction, leading to apoptosis, NF-kB activation, increased expression of proinflammatory genes, tumor necrosis, and cell differentiation depending on cell type and differentiation state.

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