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

catalog number: E-AB-F10350

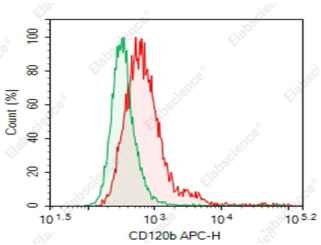
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

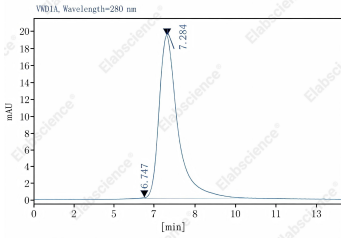
Reactivity	Mouse
Immunogen	Recombinant Mouse CD120b/TNFR2 protein
Host	Armenian Hamster
Isotype	Armenian Hamster IgG
Clone	TR75-54.7
Purification	>98%, Protein A/G purified
Buffer	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method.

Applications	Recommended Dilution
FCM	≤ 0.2 μg per million cells in 100 μL volume
Block	Reported in the literature

Data



C57/BL6 Mouse splenocytes cell were stained with 0.2 μg Purified Anti-Mouse CD120b Antibody[TR75-54.7](Right), Functional Grade and 0.2 μg Armenian hamster IgG1, κ Isotype Control (Left), followed by APC-conjugated Goat Anti-Armenian hamster IgG Secondary Antibody.



C57/BL6 Mouse splenocytes cell were stained with 0.2 μg Purified Anti-Mouse CD120b Antibody[TR75-54.7](Right), Functional Grade 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. This preparation contains no preservatives, thus it should be handled under aseptic conditions.
Shipping	Ice bag

Background

Toll-free: 1-888-852-8623
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Web: www.elabscience.com
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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.

None (Azide-Free,Low Endotoxin) are perfectly suited to be used in culture or in vivo (for nonhuman studies) for functional assays blocking, neutralizing, activation or depletion where the presence of azide may damage cells or exogenous endotoxin may signal or activate cells.

Application References

Mathieu Leclerc, et al. Blood. 2016 Sep 22;128(12):1651-9.