

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

catalog number: E-AB-F10350

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

<b>Reactivity</b>	Mouse
<b>Host</b>	Armenian Hamster
<b>Isotype</b>	Armenian Hamster IgG
<b>Clone</b>	TR75-54.7
<b>Buffer</b>	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method

**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**

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

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