

**Biotin Anti-Mouse CD120b Antibody  
[TR75-54.7]**

Catalogue Code: AGEL0162

**Antibody Data**

<b>Product SKU:</b>	<b>AGEL0162</b>	<b>Clone:</b>	<b>TR75-54.7</b>
<b>Applications:</b>	<b>FCM</b>		
<b>Reactivity:</b>	<b>Mouse</b>		

**Important Note:**

Centrifuge before opening to ensure complete recovery of vial contents.

**Product Information:**

<b>Alternate Names:</b>	Tumor necrosis factor receptor superfamily member 1B;Tnfrsf1b;Tumor necrosis factor receptor 2;TNF-R2;TNF-RII;TNFR-II;p75;p80 TNF-alpha receptor;CD120b;
<b>Uniprot ID:</b>	P25119
<b>Background:</b>	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- $\alpha$ 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.
<b>Form:</b>	Liquid
<b>Conjugation:</b>	Biotin
<b>Size:</b>	25 $\mu$ g, 100 $\mu$ g
<b>Host Species:</b>	Armenian Hamster
<b>Isotype:</b>	Armenian Hamster IgG
<b>Isotype Control:</b>	Biotin Armenian Hamster IgG Isotype Control[PIP] [Product AGEL0162]
<b>Storage Buffer:</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
<b>Shipping:</b>	Biological ice pack at 4°C

**Stability & Storage:** Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

**Recommended Usage:** Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is  $\leq 1.0 \mu\text{g}$  per  $10^6$  cells in 100  $\mu\text{L}$  volume or 100  $\mu\text{L}$  of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

---