

## InVivoMAb anti-mouse TNFR2 (CD120b)

### Lot Specific Information

<b>Lot Number:</b>	Lot Specific*
<b>Volume:</b>	Lot Specific*
<b>Concentration:</b>	Lot Specific* (generally 4 to 11 mg/ml) *
<b>Total Protein:</b>	Lot Specific*

\*This information will be noted on the certificate of analysis that ships with this product.

### Product Information

<b>Catalog Number:</b>	<b>BE0247</b>
<b>Clone:</b>	<b>TR75-54.7</b>
<b>Isotype:</b>	Armenian Hamster IgG
<b>Recommended Isotype Control(s):</b>	InVivoMAb polyclonal Armenian hamster IgG
<b>Recommended Dilution Buffer:</b>	InVivoPure pH 7.0 Dilution Buffer
<b>Immunogen:</b>	Recombinant mouse TNFR2
<b>Reported Applications:</b>	<i>in vivo</i> TNFR2 blockade <i>in vitro</i> TNFR2 blockade
<b>Formulation:</b>	PBS, pH 7.0 Contains no stabilizers or preservatives
<b>Endotoxin:</b>	<2EU/mg (<0.002EU/μg) Determined by LAL gel clotting assay
<b>Purity:</b>	>95% Determined by SDS-PAGE
<b>Sterility:</b>	0.2 μM filtered
<b>Production:</b>	Purified from tissue culture supernatant in an animal free facility
<b>Purification:</b>	Protein G
<b>RRID:</b>	AB_2687728
<b>Molecular Weight:</b>	150 kDa

### Description

The TR75-54.7 monoclonal antibody reacts with mouse Tumor Necrosis Factor Receptor Type II (TNFR2) also known as CD120b, TNFR type II, and p75. TNFR2 is expressed on many cell types at low levels; upon activation the expression is upregulated. Upon binding either of its two ligands, TNFα or LTα (lymphotoxin alpha) TNFR2 signal transduction leads to a wide spectrum of biological processes including immunoregulation, cell proliferation, differentiation, apoptosis, NF-κB activation, increased expression of proinflammatory genes, antitumor activity, inflammation, anorexia, cachexia, septic shock, hematopoiesis, and viral replication. The TR75-54.7 antibody has been reported to block ligand-induced receptor signaling.

### Shelf-life and Storage

Store at the stock concentration at 4°C. **Do not freeze.**

All Bio X Cell antibodies have a guaranteed shelf-life of one year from the date of customer receipt when stored as recommended. It is not uncommon for a floccule or precipitate to appear during storage. The floccule is typically buffer salts precipitating out of solution or a small bit of protein aggregation. For information on how to remove floccules or precipitates see our FAQ's at [bxcell.com/faqs](https://bxcell.com/faqs).

### Protocol Information

Since applications vary, each investigator should use the application references as a guide to help estimate the appropriate dose or concentration. The dose or concentration can be further optimized experimentally in a dose response or titration experiment.

### Application References

For a complete list of references, visit <https://bxcell.com/product/m-tnf-r-type-ii-p75-cd120b/#references> or scan the QR code below.

### Bio X Cell, Inc.

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