Technical Data Sheet

InVivoMAb anti-mouse TNFR2 (CD120b)

Attention: Use of this product constitutes an agreement to Bio X Cell's Terms and Conditions which are included with this product in print and can also be found at https://bioxcell.com/terms-and-conditions.

Lot Specific Information

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

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

Product Information

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

Storage

Store at the stock concentration at 4°C. **Do not freeze.**
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 https://bioxcell.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://bioxcell.com/catalogsearch/result/?q=BE0247#tab_references or scan the QR code below.

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