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- Expressversand

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Anti-Mouse TNFR2 In Vivo Antibody - Low Endotoxin (TR75-54.7) [ICH1137]

SKU: ICH1137

Link: <https://www.ichor.bio/product/anti-tnfr2-in-vivo-antibody-low-endotoxin-tr75-54-7-ich1137/>



Product Information

Category: anti-mouse, Low Endotoxin

Size: 1mg, 5mg, 25mg, 50mg, 100mg

Endotoxin Level: Low, Ultra low

Product Description

Product Benefits:

ichorbio's anti-TNFR2 In Vivo Antibody - Low Endotoxin (TR75-54.7) is manufactured in a cGMP compliant, ISO Quality Standard 9001:2015 facility. ichorbio's low endotoxin antibodies have half the endotoxin of comparable antibodies from our competitors (<http://www.ichor.bio/comparing-ichorbio-to-bio-x-cell-biolegend/>), at less than 1.0 EU/mg. If ichorbio's low endotoxin antibodies are not low enough we also offer ultra low endotoxin antibodies which have even less endotoxin (<0.75EU/mg) at an even higher purity (98% versus 95%). ichorbio offers Amazon vouchers or donations to the NC3Rs for reviews of this product: click [here](http://www.ichor.bio/amazon-vouchers/) (<http://www.ichor.bio/amazon-vouchers/>), for more information. ichorbio: the best antibodies for *in vivo* research.

Target:

TNFR2

Clone:

TR75-54.7

Isotype:

Armenian Hamster IgG

Other Names:

Tnfrsf1b, Tumor necrosis factor receptor superfamily member 1B, Tumor necrosis factor receptor 2, TNF-R2, Tumor necrosis factor receptor type II, TNF-RII, TNFR-II, p75, p80 TNF-alpha receptor, CD120b, Tnfr-2

Uniprot:

[P25119 \(https://www.uniprot.org/uniprot/P25119\)](https://www.uniprot.org/uniprot/P25119)

Host:

Armenian Hamster

Species Reactivity:

Mouse

Specificity:

Anti-TNFR2 In Vivo Antibody - Low Endotoxin (TR75-54.7) recognizes Mouse CD120

Purification Method:

This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

Background:

Tumor necrosis factor receptor II (TNF-RII) is present on most cell types and is considered to play a prominent role in stimulation by TNF-alpha. TNFRII proteins are expressed by hematopoietic cells including macrophages, neutrophils, lymphocytes, thymocytes and mast cells. It is expressed by a variety of other cell types including endothelial cells, cardiac myocytes and prostate cells

Immunogen:

Purified Recombinant Mouse TNF R2

Concentration:

1.0 mg/ml

Formulation:

0.01 M phosphate buffered saline (PBS) pH 7.2, 150 mM NaCl with no carrier protein, potassium or preservatives added. BSA and Azide free.

Purity:

>95% by SDS-PAGE and HPLC

>98% by SDS-PAGE and HPLC

Endotoxin:

≤ 1.0 EU/mg as determined by the LAL method

≤ 0.75 EU/mg as determined by the LAL method

Aggregation:

Aggregation level ≤ 5%

Aggregation level ≤ 1%

Storage:

anti-TNFR2 In Vivo Antibody - Low Endotoxin (TR75-54.7) is stable for at least four (4) weeks when stored sterile at 2-8 °C. For long-term storage aseptically aliquot in working volumes without diluting and store at -20 °C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles.

Applications:

Immunoprecipitation, Western Blot, Blocking

Application Notes:

Blocking: Clone TR75-54.7 antibody has been reported to block ligand-induced receptor signaling. Each investigator should determine their own optimal working dilution for specific applications.

Use:

Products are for research use only. Not for use in diagnostic or therapeutic procedures.

Isotype Control:

[Armenian Hamster IgG Isotype Control for In Vivo - Low Endotoxin \[PIP\]_\(ICH2251\)](http://www.ichor.bio/product/Armenian-Hamster-IgG-Isotype-Control-for-In-Vivo-Low-Endotoxin-PIP-ICH2251)
(<http://www.ichor.bio/product/Armenian-Hamster-IgG-Isotype-Control-for-In-Vivo-Low-Endotoxin-PIP-ICH2251>).