

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

Bulk anti-TNFR2 In Vivo Antibody - Low Endotoxin (TR75-54.7)

Product Specific Citations

Chuah et al. Uncoupling immune trajectories of response and adverse events from anti-PD-1 immunotherapy in hepatocellular carcinoma. Journal of Hepatology (2022).

Bio X Cell:

ICH1137 is [up to 37% cheaper](#) for industry than the equivalent product BE0247 from Bio X Cell.

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 [Bio X Cell](#) 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 (0.5EU/mg) at an even higher purity (98% versus 95%). ichorbio: the best antibodies for *in vivo* research.

Target:

TNFR2

Clone:

TR75-54.7

Size:

ichorbio's TR75-54.7 *in vivo* antibody is available in the following bulk sizes: 1mg, 5mg, 25mg, 50mg and 100mg ichorbio regularly manufactures multi-gram amounts of our anti-TNFR2 TR75-54.7 clone - please contact us for pricing.

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](#)

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:

This antibody is stable for at least 4 weeks when stored at 2-8°C. For long term storage, aliquot in working volumes without diluting and store at – 20°C or -80°C. Avoid repeated freeze thaw cycles.

Applications:

Immunoprecipitation, Western Blot, Blocking, Flow Cytometry, ELISA

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.

Isotype Control:

[Armenian Hamster IgG Isotype Control for In Vivo - Low Endotoxin \[PIP\] \(ICH2251\)](#)