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Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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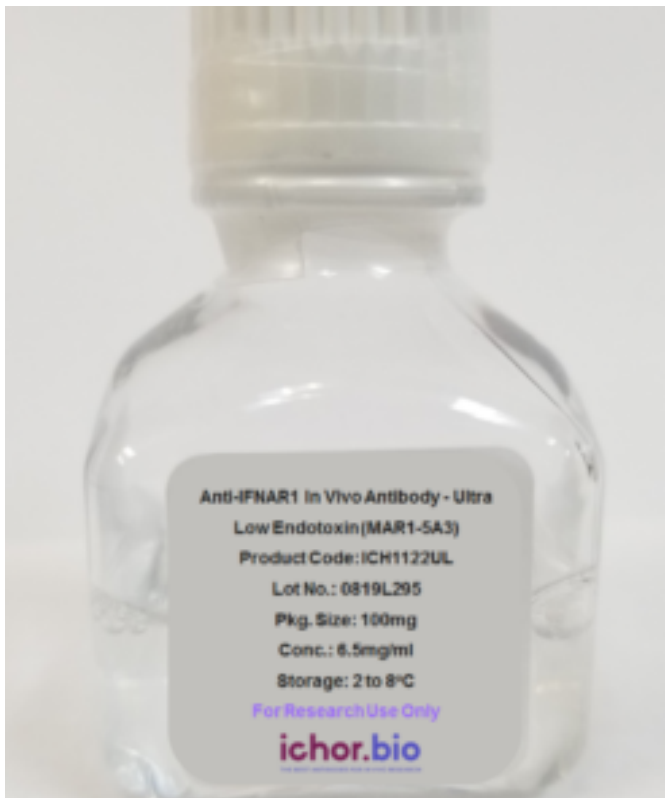
www.szabo-scandic.com

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Anti-Mouse CD70 In Vivo Antibody - Low Endotoxin (TAN 1-7) [ICH1169]

SKU: ICH1169

Link: <https://www.ichor.bio/product/anti-mouse-cd70-in-vivo-antibody-low-endotoxin-tan-1-7-ich1169/>



Product Information

Category: anti-mouse, Blocking, ELISA, Flow Cytometry, Immunofluorescence, Low Endotoxin, Ultra Low Endotoxin

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

Endotoxin Level: Low, Ultra low

Product Description

Product Benefits:

ichorbio's anti- CD70 In Vivo Antibody - Low Endotoxin (TAN1-7) 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

(<https://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 \(https://www.ichor.bio/amazon-vouchers/\)](https://www.ichor.bio/amazon-vouchers/) for more information. ichorbio: the best antibodies for *in vivo* research.

Target:

CD70

Other Names:

CD27 Ligand, TNFSF7, Tumor Necrosis Factor Ligand 8A, CD27L, CD70 Antigen.

Clone:

TAN1-7

Size:

ichorbio's TAN1-7 *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-CD70 TAN1-7 clone - please contact us for pricing.

Isotype:

Rat IgG2a k

Uniprot:[O55237 \(https://www.uniprot.org/uniprot/O55237\)](https://www.uniprot.org/uniprot/O55237).**Host:**

Rat

Species Reactivity:

Mouse

Specificity:

Clone TAN 1-7 recognizes mouse CD70.

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.

Antigen Distribution:

CD70 is expressed on activated T Cells, B Cells, and dendritic cells.

Background:

CD70, a cytokine and also known as CD27 ligand, is a member of the tumor necrosis family. As a cytokine, CD70 plays a role in regulating B cell activation, cytotoxic function of natural killer cells, and immunoglobulin synthesis. Non-small cell lung cancer research has shown that CD70 increases the survivability of tumor cells and T cells by signaling through its receptor CD27.

Immunogen:

Recombinant mouse CD70 (extracellular domain, aa residues 41-195).

Concentration:

>2.0 mg/ml

Formulation:

This monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (PBS) pH 7.2 - 7.4, 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%

IMPACT Pathogen Test:

We use the IMPACT test generated by IDEXX Laboratories to guarantee our Ultra Low Endotoxin antibodies are pathogen free. Our mouse antibodies are tested for: Mycoplasma spp. Mycoplasma pulmonis Sendai virus Mouse hepatitis virus Pneumonia virus of mice Minute virus of mice Mouse parvovirus (MPV1-5) Theiler's murine encephalomyelitis virus Murine norovirus Reovirus 3 Mouse rotavirus Ectromelia virus Lymphocytic choriomeningitis virus Polyoma virus Lactate dehydrogenase-elevating virus Mouse adenovirus (MAD1, MAD2) Mouse cytomegalovirus K virus Mouse thymic virus Hantaan virus Corynebacterium bovis Corynebacterium spp. (HAC2)

Storage:

This antibody is stable for at least one week when stored sterile at 2-8°C. For long term storage aseptically aliquot in working volumes without diluting and store at -80°C. Avoid Repeated Freeze Thaw Cycles.

Applications:

ELISA, Flow Cytometry, Immunofluorescence, Blocking

Application Notes:

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.