



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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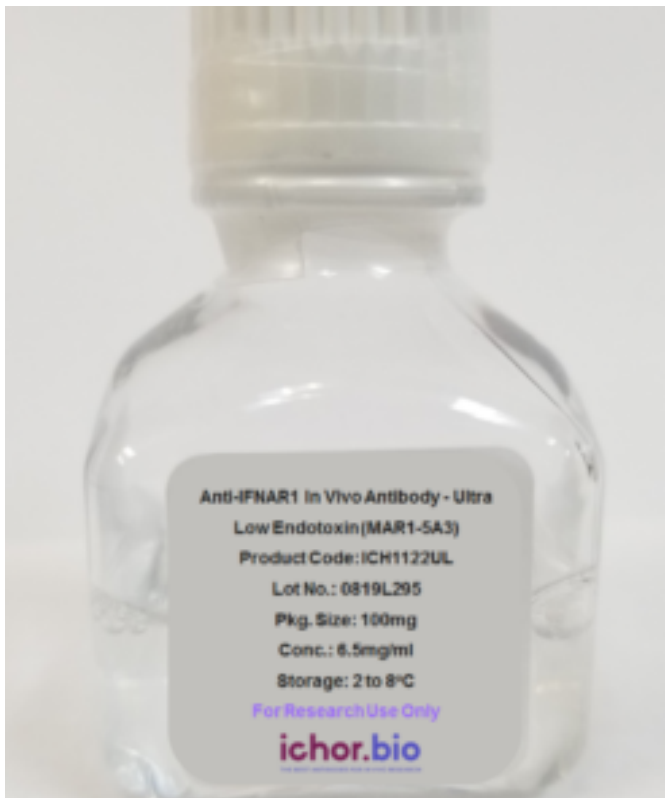
[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

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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

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**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

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### 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.