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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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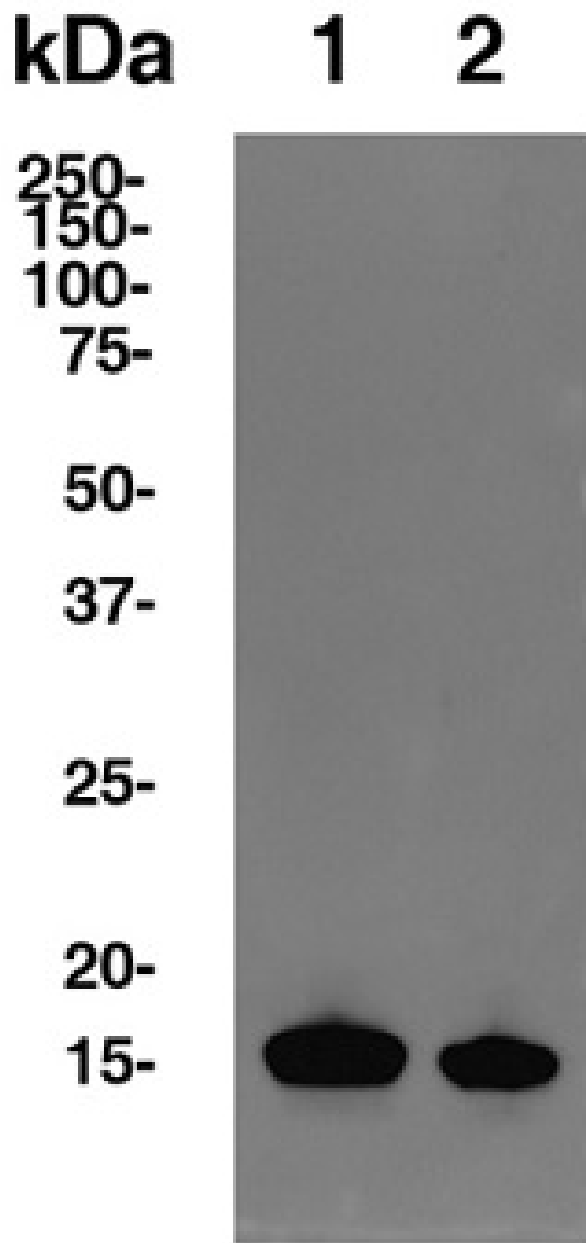
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Anti-Mouse TNF alpha In Vivo Antibody - Low Endotoxin (TN3-19.12) [ICH1136]

SKU: ICH1136

Link: <https://www.ichor.bio/product/anti-tnf-alpha-in-vivo-antibody-low-endotoxin-tn3-19-12-ich1136/>



Product Information

Category: anti-mouse, Low Endotoxin, Ultra Low Endotoxin

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

Endotoxin Level: Low, Ultra low

Product Description

Product Benefits:

ichorbio's anti-TNF alpha In Vivo Antibody - Low Endotoxin (TN3-19.12) is manufactured in a cGMP compliant 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:

TNF alpha

Clone:

TN3-19.12

Isotype:

Armenian Hamster IgG

Other Names:

Cachectin, TNFa, Tumor necrosis factor ligand superfamily member 2, Tnfsf2

Uniprot:[P06804 \(https://www.uniprot.org/uniprot/P06804\)](https://www.uniprot.org/uniprot/P06804)**Host:**

Armenian Hamster

Species Reactivity:

Mouse

Specificity:

Anti-TNF alpha In Vivo Antibody - Low Endotoxin (TN3-19.12) recognizes Mouse TNFa

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:

Activated monocytes, neutrophils, macrophages, T cells, B cells, NK cells, LAK cells

Background:

The tumor necrosis factor (TNF-alpha) is a multifaceted polypeptide cytokine known as a mediator of inflammation and immunity. It may mediate some of the significant changes in cellular homeostasis which accompany the invasion of the mammalian host by viruses, bacteria, and parasites. TNF-alpha is an acute phase protein which initiates a cascade of cytokines and increases vascular permeability, thereby recruiting macrophage and neutrophils to a site of infection. TNF-alpha secreted by the macrophage causes blood clotting which serves to contain the

infection. TNF-alpha has been detected in synovial fluid of patients with rheumatoid arthritis. Clone TN3-19.12 antibody can neutralize the bioactivity of natural or recombinant TNF-alpha

Immunogen:

Recombinant mouse TNFalpha

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%

IMPACT Pathogen Test:

We use the IMPACT test generated by IDEXX Laboratories to guarantee our Ultra Low Endotoxin antibodies are pathogen free. Our hamster antibodies are tested for: Mycoplasma spp Mycoplasma pulmonis Pneumonia virus of mice Kilham's rat virus Toolan's H1 virus Hamster parvovirus Lymphocytic choriomeningitis Minute virus of mice Theiler's murine encephalomyelitis virus Sendai virus Reovirus 3 Hantaan virus

Storage:

anti-TNF alpha In Vivo Antibody - Low Endotoxin (TN3-19.12) 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

How much TN3-19.12 to use *in vivo*:

We recommend using 250 µg per mouse when performing *in vivo* research using ichorbio's low endotoxin TNF alpha antibody clone TN3-19.12. This range is based off the most recent publication data using the TN3-19.12 clone *in vivo*. 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>).

Related Antibody:

Anti-TNF alpha In Vivo Antibody - Ultra Low Endotoxin [TN3-19.12]_(ICH1136UL)
(<http://www.ichor.bio/product/Anti-TNF-alpha-In-Vivo-Antibody-Low-Endotoxin-TN3-19.12--ICH1136>).

Antibodies against the same target:

Anti-TNF alpha In Vivo Antibody - Low Endotoxin [MP6-XT22]_(ICH1127)
(<http://www.ichor.bio/product/Anti-TNF-alpha-In-Vivo-Antibody-Low-Endotoxin-MP6-XT22-ICH1127>).