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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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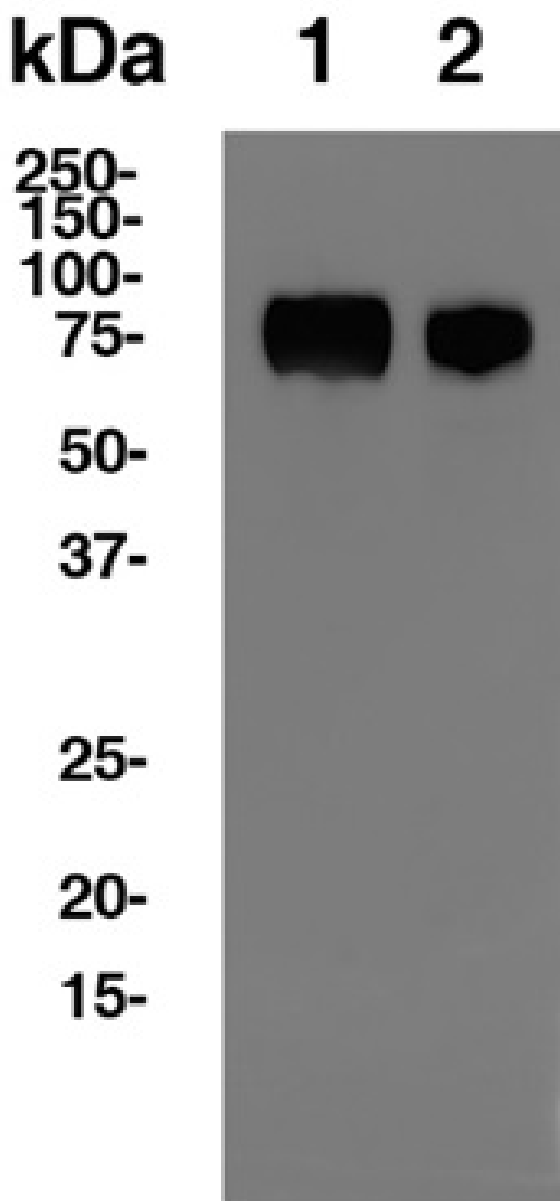
www.szabo-scandic.com

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Anti-CD80 In Vivo Antibody - Low Endotoxin (16-10A1) [ICH1037]

SKU: ICH1037

Link: <https://www.ichor.bio/product/anti-cd80-in-vivo-antibody-low-endotoxin-16-10a1-ich1037/>



Product Information

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

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

Endotoxin Level: Low, Ultra low

Product Description

Product Benefits:

ichorbio's anti-CD80 In Vivo Antibody - Low Endotoxin (16-10A1) 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:

CD80

Clone:

16-10A1

Isotype:

Armenian Hamster IgG

Other Names:

Activation B7-1 antigen, B7

Uniprot:

[Q00609 \(https://www.uniprot.org/uniprot/Q00609\)](https://www.uniprot.org/uniprot/Q00609)

Host:

Armenian Hamster

Species Reactivity:

Mouse, Rat

Specificity:

Anti-CD80 In Vivo Antibody - Low Endotoxin (16-10A1) recognizes an epitope on Mouse CD80

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:

Mouse CD80 is expressed on Activated B-Cells, Activated T-Cells, macrophages, and dendritic cells.

Background:

CD80 (B7-1) is a type I integral membrane protein related very closely to CD86 (B7-2). A main function of CD80 is the costimulation of T-cells through ligation of CD28 and CD152 (CTLA-4). T-cells activate with binding of CD28 to CD80 and binding of CD80 to CTLA-4 results in inhibition of T-cells. The clone 16-10A1 has the ability to block the costimulatory activity of CD80 while exhibiting no effect on the activity of CD86.

Immunogen:

Purified Recombinant Mouse CD80 (>98%)

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-CD80 In Vivo Antibody - Low Endotoxin (16-10A1) 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:

Immunoprecipitation, Western Blot, 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.

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>).

Related Antibody:

[Anti-CD80 In Vivo Antibody - Ultra Low Endotoxin \[16-10A1\]_\(ICH1037UL\)](http://www.ichor.bio/product/Anti-CD80-In-Vivo-Antibody-Low-Endotoxin-16-10A1-ICH1037)
(<http://www.ichor.bio/product/Anti-CD80-In-Vivo-Antibody-Low-Endotoxin-16-10A1-ICH1037>).