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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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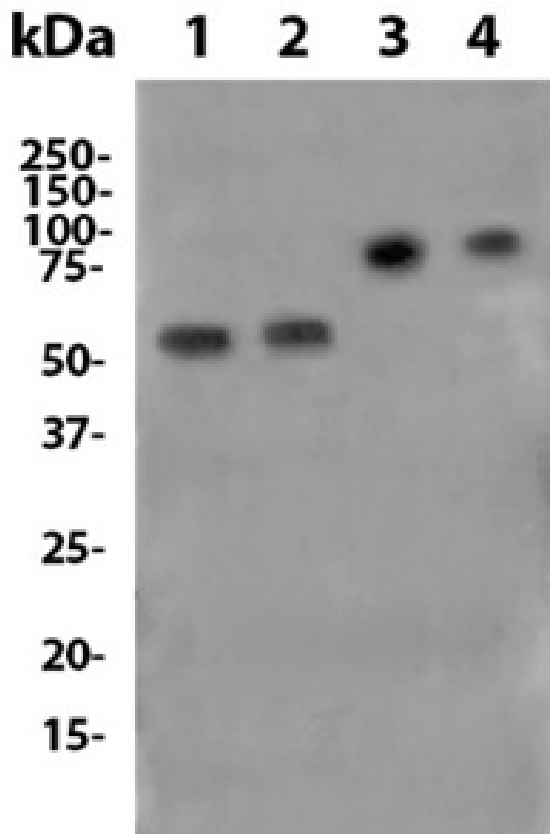
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Anti-CD86 In Vivo Antibody - Low Endotoxin (GL1) [ICH1038]

SKU: ICH1038

Link: <https://www.ichor.bio/product/anti-cd86-in-vivo-antibody-low-endotoxin-gl1-ich1038/>



Product Information

Category: anti-mouse, Low Endotoxin

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

Endotoxin Level: Low, Ultra low

Product Description

Product Benefits:

ichorbio's anti-CD86 In Vivo Antibody - Low Endotoxin (GL1) 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 (<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:

CD86

Clone:

GL1

Isotype:

Rat IgG2a

Other Names:

Activation B7-2 antigen, Early T-cell costimulatory molecule 1, ETC-1

Uniprot:[P42082](https://www.uniprot.org/uniprot/P42082) (<https://www.uniprot.org/uniprot/P42082>).**Host:**

Rat

Species Reactivity:

Mouse

Specificity:

Anti-CD86 In Vivo Antibody - Low Endotoxin (GL1) recognizes an epitope on Mouse CD86

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:

B cells and T cells (upregulated upon activation), macrophages, dendritic cells, and astrocytes

Background:CD86, also known as B7-2, is a type I transmembrane glycoprotein and a member of the Ig gene superfamily. CD86 is a ligand for CD28 and CD152 (CTLA-4). CD86 is related to the CD80 molecule and functions as a counterreceptor for CD28 and CTLA-4. The GL1 clone has been shown to provide critical signals for T-Cell-dependent responses *in vivo* and *in vitro*.**Immunogen:**

LPS-activated CBA/Ca mouse splenic B cells

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:

anti-CD86 In Vivo Antibody - Low Endotoxin (GL1) is stable when stored 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:

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:

[Rat IgG2a In Vivo Isotype Control - Low Endotoxin \[1-1\]_\(ICH2244\)](http://www.ichor.bio/product/Rat-IgG2a-In-Vivo-Isotype-Control-Low-Endotoxin-1-1-ICH2244).

<http://www.ichor.bio/product/Rat-IgG2a-In-Vivo-Isotype-Control-Low-Endotoxin-1-1-ICH2244>