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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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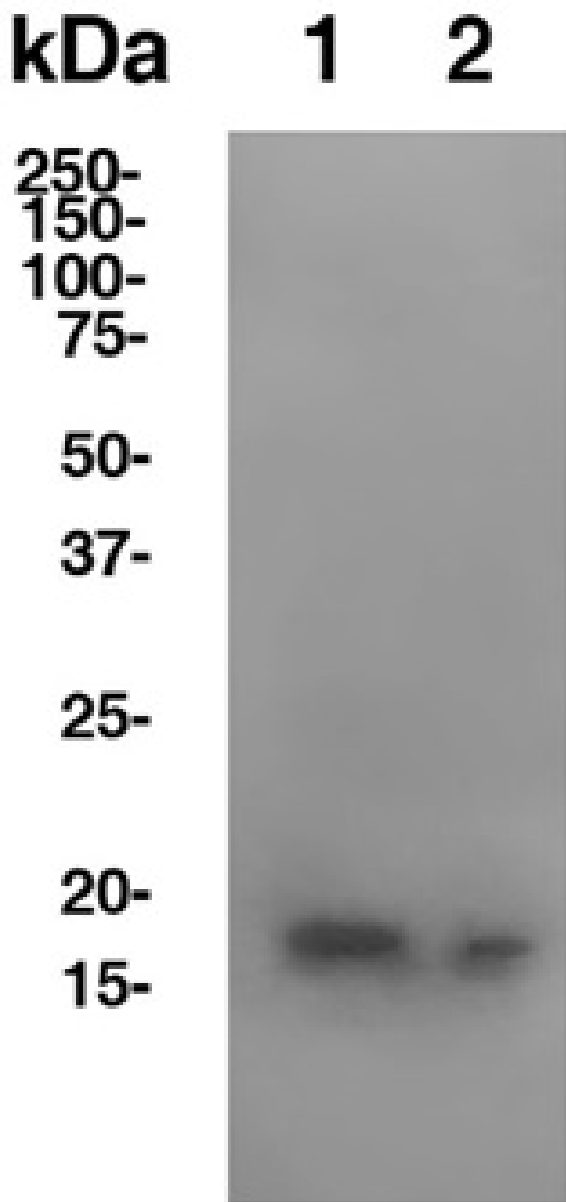
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Anti-Mouse IL-1b In Vivo Antibody - Low Endotoxin (B122) [ICH1100]

SKU: ICH1100

Link: <https://www.ichor.bio/product/anti-il-1b-in-vivo-antibody-low-endotoxin-b122-ich1100/>



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-IL-1b In Vivo Antibody - Low Endotoxin (B122) 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:

IL-1b

Clone:

B122

Isotype:

Armenian Hamster IgG

Other Names:

Interleukin-1 beta, IL-1B

Uniprot:

[P10749](https://www.uniprot.org/uniprot/P10749) (<https://www.uniprot.org/uniprot/P10749>)

Host:

Armenian Hamster

Species Reactivity:

Mouse

Specificity:

Anti-IL-1b In Vivo Antibody - Low Endotoxin (B122) recognizes Mouse IL-1B

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:

Monocytes, tissue macrophages, Langerhan cells, dendritic cells, T lymphocytes, B lymphocytes, natural killer (NK) cells and many other B cells, T cells, related

monocytes

Background:

Interleukin 1 beta (IL1 beta) is a proinflammatory cytokine belonging to IL1 family that is synthesized as a precursor. The IL1 beta precursor form is not biologically active. It is expressed mainly by stimulated macrophages and monocytes. IL1 beta is known to be a mediator in inflammatory response and to be involved in a variety of cellular activities, proliferation, differentiation and apoptosis. It has been recently found that IL1 beta is a major cause of severe inflammation in the mouse model of Crohns disease which makes IL1 beta an important target for this disease. The B122 antibody has been reported to neutralize the bioactivity of natural or recombinant IL-1 β .

Immunogen:

E. coli -expressed, recombinant mouse IL-1 β

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:

\leq 1.0 EU/mg as determined by the LAL method

\leq 0.75 EU/mg as determined by the LAL method

Aggregation:

Aggregation level \leq 5%

Aggregation level \leq 1%

Storage:

anti-IL-1b In Vivo Antibody - Low Endotoxin (B122) 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 -20°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles.

Applications:

Neutralization, Immunoprecipitation, Western Blot

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>).