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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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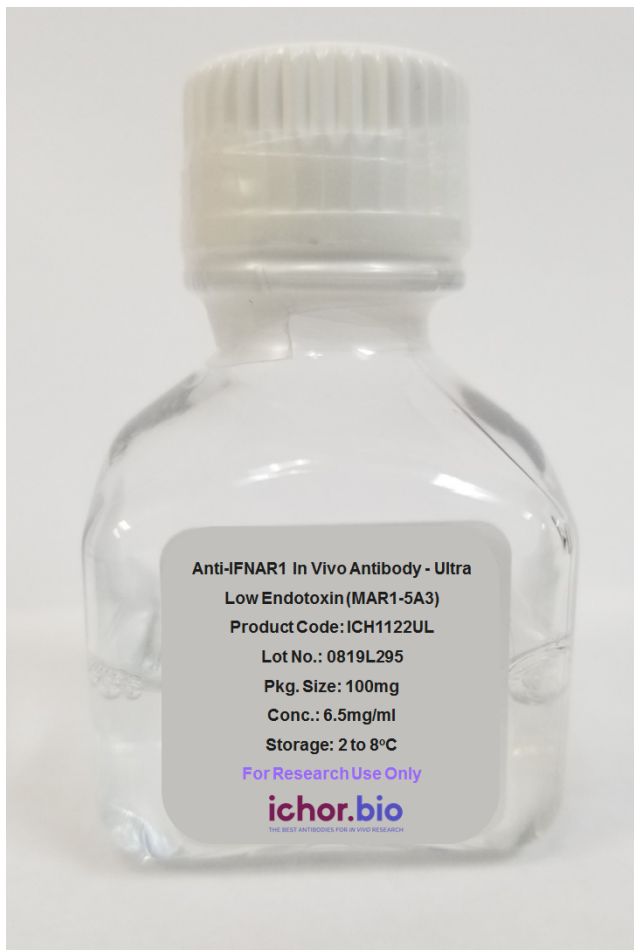
www.szabo-scandic.com

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Anti-Human CD2 In Vivo Antibody - Low Endotoxin (G11) [ICH1001]

SKU: ICH1001

Link: <https://www.ichor.bio/product/anti-cd2-in-vivo-antibody-low-endotoxin-g11-ich1001/>



Product Information

Category: anti-human, Low Endotoxin
Size: 1mg, 5mg, 25mg, 50mg, 100mg
Endotoxin Level: Low, Ultra low

Product Description

Product Benefits:

ichorbio's anti-CD2 In Vivo Antibody - Low Endotoxin (G11) 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:

CD2

Clone:

G11

Isotype:

Mouse IgG2a

Other Names:

Erythrocyte receptor, LFA-2, LFA-3 receptor, Rosette receptor, T-cell surface antigen T11/Leu-5

Uniprot:

[P06729 \(https://www.uniprot.org/uniprot/P06729\)](https://www.uniprot.org/uniprot/P06729)

Host:

Mouse

Species Reactivity:

Human

Specificity:

Anti-CD2 In Vivo Antibody - Low Endotoxin (G11) recognizes Human CD2. Anti-Human CD2 recognizes a cell surface glycoprotein (Mr 45-59 kDa) on human lymphocytes

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:

The CD2 antigen is present on approximately 80% of normal peripheral blood lymphocytes, >95% of thymocytes, 100% of mature circulating T-cells and a subset of NK cells.

Background:

Appropriate pairs of anti-CD2 antibodies will stimulate peripheral T-cell proliferation and effector function. The CD2 molecule has been shown to be the

receptor for leukocyte function antigen (LFA-3/CD58), the binding of which augments T-cell activation mediated by the T-cell antigen receptor (TCR). Anti-Human CD2 can be used to deplete CD2 positive cells by complement-mediated cytotoxicity. Analyses of NK lymphocyte subsets and identification of lymphomas and leukemias of T-cell origin have been done using Anti-CD2 antibodies.

Concentration:

1.0 - 5.0 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-CD2 In Vivo Antibody - Low Endotoxin (G11) 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:

Western Blot, Functional Assays

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:

[Mouse IgG2a In Vivo Isotype Control - Low Endotoxin \[C1.18.4\] \(ICH2245\)](http://www.ichor.bio/product/Mouse-IgG2a-In-Vivo-Isotype-Control-Low-Endotoxin-C1.18.4-ICH2245)
(<http://www.ichor.bio/product/Mouse-IgG2a-In-Vivo-Isotype-Control-Low-Endotoxin-C1.18.4-ICH2245>)