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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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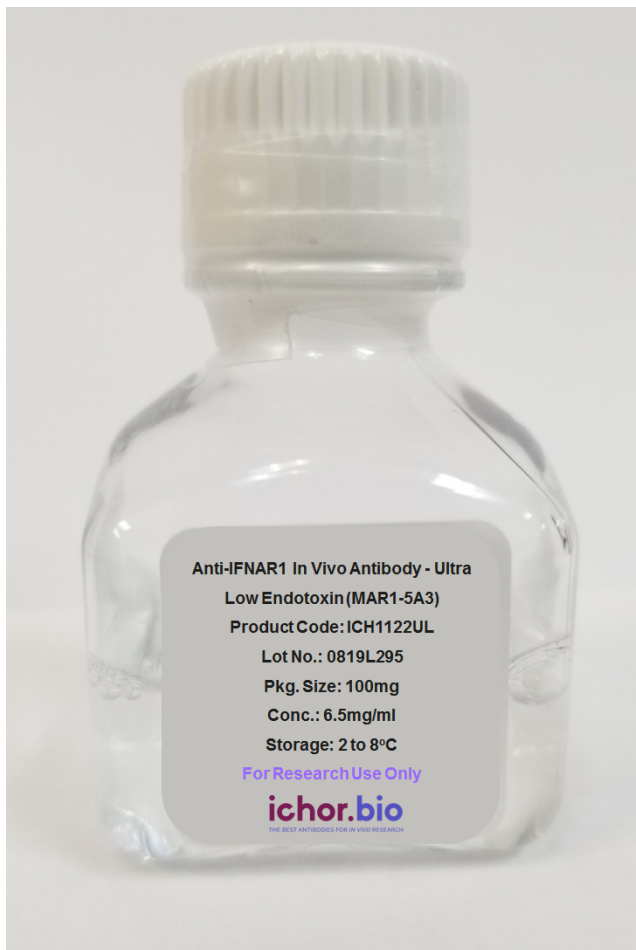
www.szabo-scandic.com

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Anti-Human CD11b In Vivo Antibody - Low Endotoxin (44) [ICH1007]

SKU: ICH1007

Link: <https://www.ichor.bio/product/anti-cd11b-in-vivo-antibody-low-endotoxin-44-ich1007/>



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-CD11b In Vivo Antibody - Low Endotoxin (44) 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:

CD11b

Clone:

44

Isotype:

Mouse IgG1

Other Names:

Integrin alpha-M, ITGAM, ICR-3 alpha chain, Cell surface glycoprotein MAC-1 subunit alpha, Leukocyte adhesion receptor MO1, CR3A

Uniprot:

[P11215 \(https://www.uniprot.org/uniprot/P11215\)](https://www.uniprot.org/uniprot/P11215)

Host:

Mouse

Species Reactivity:

Human

Specificity:

Anti-CD11b In Vivo Antibody - Low Endotoxin (44) recognizes Human CD11b. Anti-Human CD11b recognizes the alpha subunit of the CD11b/CD18 complex, an alpha/Beta heterodimeric surface glycoprotein on human leukocytes (Mr 165-170 kDa). The CD11b/CD18 antigen belongs to the B2 integrin family. Other names include Mac-1, Cr3, MO-1 and C3bi receptor. The CD11b molecule functions as a receptor for C3bi complement, clotting factor X, fibrinogen and ICAM-1.

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 CD11b antigen is expressed on approximately 30% of human peripheral blood lymphocytes, most natural killer lymphocytes, circulating monocytes, granulocytes, a subset of T-cells and subsets of macrophages.

Background:

Anti-CD11b may be used to study lymphocyte subsets in flow cytometry and in cell adhesion research (Mac-1). The antibody may be used to stain tissue sections which have been acetone fixed and frozen.

Immunogen:

Unknown

Concentration:

≥ 2.0 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 analyzed by silver stain.

>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-CD11b In Vivo Antibody - Low Endotoxin (44) 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:

Flow Cytometry, 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:

[Mouse IgG1 Isotype Control for In Vivo - Low Endotoxin \[HKSP\]_\(ICH2247\)](http://www.ichor.bio/product/Mouse-IgG1-Isotype-Control-for-In-Vivo-Low-Endotoxin-HKSP-ICH2247)
(<http://www.ichor.bio/product/Mouse-IgG1-Isotype-Control-for-In-Vivo-Low-Endotoxin-HKSP-ICH2247>).

Antibodies against the same target:

Anti-CD11b In Vivo Antibody - Low Endotoxin [M1/70] (ICH1049).

(<http://www.ichor.bio/product/Anti-CD11b-In-Vivo-Antibody-Low-Endotoxin-M1/70-ICH1049>).