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Produktinformation



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Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Anti-Mouse CD11a In Vivo Antibody - Low Endotoxin (FD441.8) [ICH1047]

SKU: ICH1047

Link: <https://www.ichor.bio/product/anti-cd11a-in-vivo-antibody-low-endotoxin-fd441-8-ich1047/>



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-CD11a In Vivo Antibody - Low Endotoxin (FD441.8) 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/>) for more information. ichorbio: the best antibodies for *in vivo* research.

Target:

CD11a

Clone:

FD441.8

Isotype:

Rat IgG2b

Other Names:

LFA-1 alpha, LFA-1A, Integrin alpha-L, ITGAL, Ly-15

Uniprot:P24063 (<https://www.uniprot.org/uniprot/P24063>).**Host:**

Rat

Species Reactivity:

Mouse

Specificity:

Anti-CD11a In Vivo Antibody - Low Endotoxin (FD441.8) recognizes an epitope on Mouse CD11a

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 CD11a LFA-1 antigen is present on >97% thymocytes, >95% blood lymphocytes, 79% bone marrow cells and certain lymphoma and macrophage-like cell lines.

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-CD11a In Vivo Antibody - Low Endotoxin (FD441.8) 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:

Functional Assay: The antibody inhibits ConA-facilitated lysis, but does not affect PHA-facilitated lysis. 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 IgG2b In Vivo Isotype Control - Low Endotoxin \[1-2\] \(ICH2243\)](http://www.ichor.bio/product/Rat-IgG2b-In-Vivo-Isotype-Control-Low-Endotoxin-1-2-ICH2243)

[.\(http://www.ichor.bio/product/Rat-IgG2b-In-Vivo-Isotype-Control-Low-Endotoxin-1-2-ICH2243\)](http://www.ichor.bio/product/Rat-IgG2b-In-Vivo-Isotype-Control-Low-Endotoxin-1-2-ICH2243)

Antibodies against the same target:

[Anti-CD11a In Vivo Antibody - Low Endotoxin \[38\] \(ICH1006\)](http://www.ichor.bio/product/Anti-CD11a-In-Vivo-Antibody-Low-Endotoxin-38-ICH1006)

[.\(http://www.ichor.bio/product/Anti-CD11a-In-Vivo-Antibody-Low-Endotoxin-38-ICH1006\)](http://www.ichor.bio/product/Anti-CD11a-In-Vivo-Antibody-Low-Endotoxin-38-ICH1006), [Anti-CD11a In Vivo Antibody - Low Endotoxin \[I21/7\] \(ICH1048\)](http://www.ichor.bio/product/Anti-CD11a-In-Vivo-Antibody-Low-Endotoxin-I21/7-ICH1048)

[.\(http://www.ichor.bio/product/Anti-CD11a-In-Vivo-Antibody-Low-Endotoxin-I21/7-ICH1048\)](http://www.ichor.bio/product/Anti-CD11a-In-Vivo-Antibody-Low-Endotoxin-I21/7-ICH1048)