



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
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](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

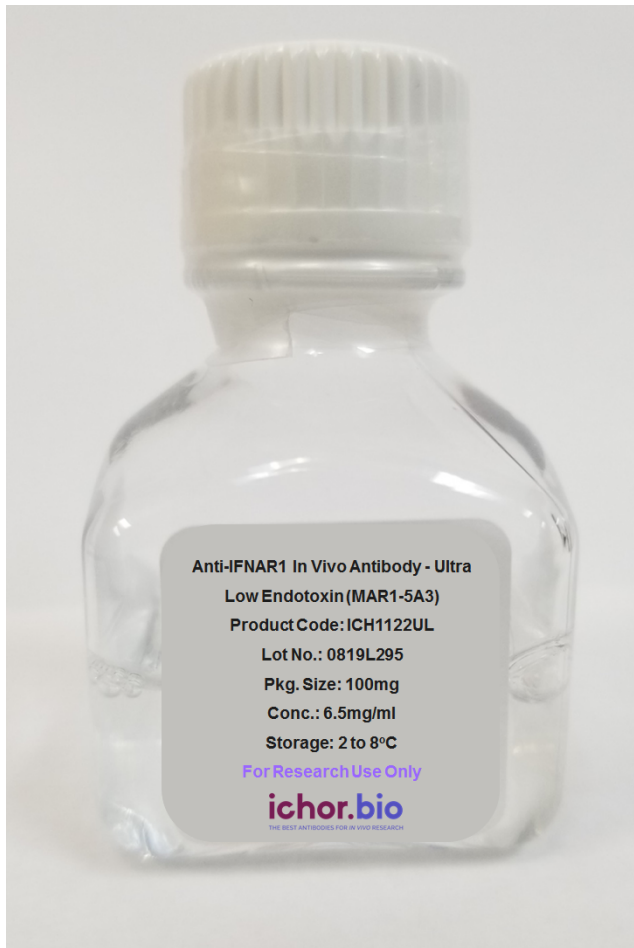
[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

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# Anti-Human CD11a In Vivo Antibody - Low Endotoxin (38) [ICH1006]

SKU: ICH1006

Link: <https://www.ichor.bio/product/anti-cd11a-in-vivo-antibody-low-endotoxin-38-ich1006/>



## Product Information

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

## Product Description

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Product Benefits:

ichorbio's anti-CD11a In Vivo Antibody - Low Endotoxin (38) 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:**

CD11a

**Clone:**

38

**Isotype:**

Mouse IgG2a

**Other Names:**

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

**Uniprot:**[P20701 \(https://www.uniprot.org/uniprot/P20701\)](https://www.uniprot.org/uniprot/P20701)**Host:**

Mouse

**Species Reactivity:**

Human

**Specificity:**

Anti-CD11a In Vivo Antibody - Low Endotoxin (38) recognizes Human CD11a. Anti-Human CD11a (Anti-LFA-1a) recognizes the (Mr 175 kDa) a chain of the leukocyte function associated antigen-1 (LFA-1). The leukocyte integrin LFA-1 is a member of a family of heterodimeric receptors that mediate divalent cation-dependent cellular adhesion reactions. LFA-1A binds to domain 1 of an intercellular adhesion molecule (ICAM) on target tissues.

**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 antigen is present on most leukocytes and plays a vital role in cellular immune responses which require adhesion. Lymphocyte activation via the T-cell antigen receptor (TCR) up-regulates LFA-1 function. The absence of LFA-1A or B may induce the disease state known as leukocyte adhesion deficiency (LAD).

Tumor cells which do not express LFA-1 may have avoided cellular immune-responses such as those carried out by natural killer cells (NK).

**Background:**

Anti-CD11a may be used to study a variety of biological phenomena related to the function of cell adhesion molecules. This antibody may be used to study transplantation rejections and to assist in characterizing lymphomas and leukemias.

**Immunogen:**

Unknown

**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 (38) 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 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>).

**Antibodies against the same target:**

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

([http://www.ichor.bio/product/Anti-CD11a-In-Vivo-Antibody-Low-Endotoxin-](http://www.ichor.bio/product/Anti-CD11a-In-Vivo-Antibody-Low-Endotoxin-FD441.8-ICH1047)

FD441.8-ICH1047), Anti-CD11a In Vivo Antibody - Low Endotoxin [I21/7]\_(ICH1048).

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