



# 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

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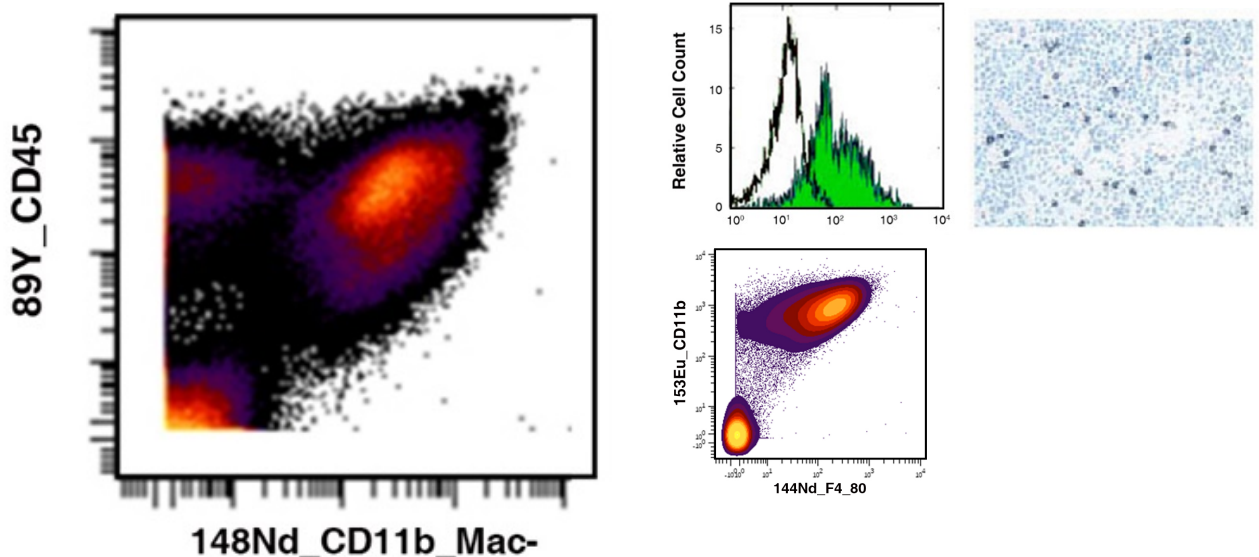
[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

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

SKU: ICH1049

Link: <https://www.ichor.bio/product/anti-cd11b-in-vivo-antibody-low-endotoxin-m1-70-ich1049/>



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## Product Information

Category: anti-mouse, Low Endotoxin

Size: 1mg, 5mg, 25mg, 50mg, 100mg

Endotoxin Level: Low, Ultra low

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## Product Description

### Product Benefits:

ichorbio's anti-CD11b In Vivo Antibody - Low Endotoxin (M1/70) 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/) (<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:**

CD11b

**Clone:**

M1/70

**Isotype:**

Rat IgG2b

**Other Names:**

Integrin alpha-M, Itgam, CR-3 alpha chain, Cell surface glycoprotein MAC-1 subunit alpha, Leukocyte adhesion receptor MO1

**Uniprot:**

[P05555 \(https://www.uniprot.org/uniprot/P05555\)](https://www.uniprot.org/uniprot/P05555)

**Host:**

Rat

**Species Reactivity:**

Mouse

**Specificity:**

Anti-CD11b In Vivo Antibody - Low Endotoxin (M1/70) recognizes the (Mr 170 kD) alpha m subunit of Mac-1 (CD11b/CD18, alpha m beta 2 integrin), the mouse macrophage-granulocyte specific antigen. Mac-1 is a macrophage differentiation antigen associated with type three complement receptor and mediates adhesion to CD54 (ICAM-1).

**Antigen Distribution:**

The Mac-1 CD11b antigen is present on macrophages, granulocytes, natural killer cells, blood monocytes. CD11b is expressed on 8% spleen cells, 44% bone marrow cells and less than 1% of thymocytes.

**Immunogen:**

B10 mouse spleen cells enriched for T cells

**Concentration:**

0.5 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-CD11b In Vivo Antibody - Low Endotoxin (M1/70) is stable for at least four (4) weeks 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:**

Immunoprecipitation, Western Blot, Functional Assays

**Application Notes:**

Functional Assay: Activation of mouse peritoneal macrophages 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>)

**Antibodies against the same target:**

Anti-CD11b In Vivo Antibody - Low Endotoxin [44]\_(ICH1007)  
(<http://www.ichor.bio/product/Anti-CD11b-In-Vivo-Antibody-Low-Endotoxin-44-ICH1007>)