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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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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

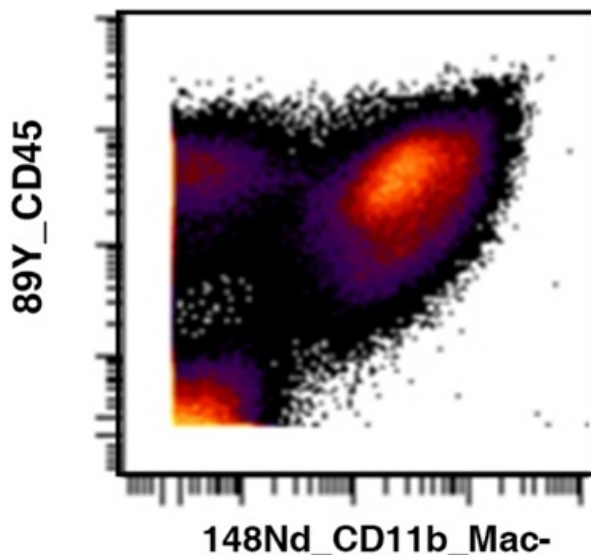
www.szabo-scandic.com

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

Anti-Mouse CD45 In Vivo Antibody - Low Endotoxin (I3/2.3) [ICH1057]

SKU: ICH1057

Link: <https://www.ichor.bio/product/anti-cd45-in-vivo-antibody-low-endotoxin-i3-2-3-ich1057/>



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-CD45 In Vivo Antibody - Low Endotoxin (I3/2.3) 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:

CD45

Clone:

I3/2.3

Isotype:

Rat IgG2b

Other Names:

Receptor-type tyrosine-protein phosphatase C, Ptprc, Leukocyte common antigen, L-CA, Lymphocyte antigen 5, Ly-5, T200, LCA

Uniprot:

[P06800 \(https://www.uniprot.org/uniprot/P06800\)](https://www.uniprot.org/uniprot/P06800)

Host:

Rat

Species Reactivity:

Mouse

Specificity:

Anti-CD45 In Vivo Antibody - Low Endotoxin (I3/2.3) recognizes an epitope on Mouse CD45

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 CD45 antigen is present on all cells of hematopoietic origin, but not erythrocytes

Background:

CD45 is a 180-240 kD glycoprotein also known as the leukocyte common antigen (LCA). CD45 plays a key role in TCR and BCR signal transduction.

Immunogen:

Mouse lymphoma cell line

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-CD45 In Vivo Antibody - Low Endotoxin (I3/2.3) is stable when stored 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, Flow Cytometry

Application Notes:

Flow Cytometry: For flow cytometric staining, the suggested use of this reagent is ≤0.125 µg per million cells in 100 µl volume.

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:

Rat anti Mouse/Human CD45R In Vivo Antibody - Low Endotoxin [RA3-6B2]

(ICH1130) (<http://www.ichor.bio/product/Rat-anti-Mouse/Human-CD45R-In-Vivo-Antibody-Low-Endotoxin-RA3-6B2-ICH1130>), Rat anti Mouse/Human CD45R In Vivo Antibody - Ultra Low Endotoxin [RA3-6B2] (ICH1130UL)

(<http://www.ichor.bio/product/Rat-anti-Mouse/Human-CD45R-In-Vivo-Antibody-Low-Endotoxin-RA3-6B2-ICH1130>).