



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

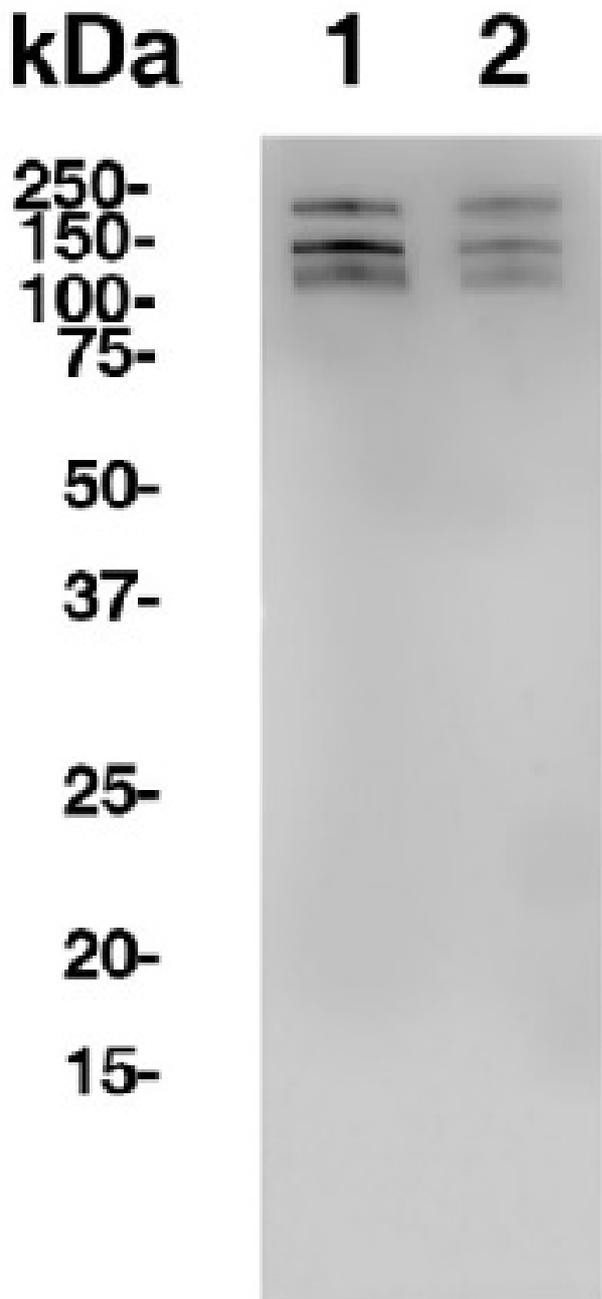
www.szabo-scandic.com

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

Anti-Human CD56 In Vivo Antibody - Low Endotoxin (ERIC-1) [ICH1015]

SKU: ICH1015

Link: <https://www.ichor.bio/product/anti-cd56-in-vivo-antibody-low-endotoxin-eric-1-ich1015/>



Product Information

Category: anti-human, Dot Blot, ELISA, IHC (Frozen), IHC (Paraffin), Immunoprecipitation, Low Endotoxin, Western Blot
Size: 1mg, 5mg, 25mg, 50mg, 100mg
Endotoxin Level: Low

Product Description

Product Benefits:

ichorbio's anti-CD56 In Vivo Antibody - Low Endotoxin (ERIC-1) 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:

CD56

Clone:

ERIC-1

Isotype:

Mouse IgG1

Other Names:

Neural cell adhesion molecule 1, NCAM1

Uniprot:

[P13591](https://www.uniprot.org/uniprot/P13591) (<https://www.uniprot.org/uniprot/P13591>).

Host:

Mouse

Species Reactivity:

Human

Specificity:

Anti-CD56 In Vivo Antibody - Low Endotoxin (ERIC-1) recognizes Human CD56. Anti-Human CD56 recognizes the (Mr 180, 145, 125 kDa) isoforms of the human neural cell adhesion molecule (NCAM)

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 CD56 (NCAM) antigen is expressed on most neuroectodermal derived cell lines, tissues, and tumors. NCAM is also known to be expressed on some mesodermally derived tissues such as muscle and on natural killer (NK) lymphocytes. The binding of ERIC-1 to both normal and neoplastic tissue is lost when tissues are conventionally fixed in formalin and embedded in paraffin. The epitope was preserved when exposed to dehydrating fixatives such as cold acetone (-20°C) for 5 min. CD56 is present on 10-25% of peripheral blood lymphocytes.

Background:

Anti-Human CD56 can be used in studies of the neural cell adhesion molecule. This antibody may also be used to study isoforms of NCAM expressed on different tumor types. Anti-CD56 (clone ERIC-1) works well in western blot for analysis of isoforms expressed. Anti-CD56 did not react with any of the leukemias or lymphomas tested

Immunogen:

Human Retinoblastoma tumor

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:

<0.5 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-CD56 In Vivo Antibody - Low Endotoxin (ERIC-1) 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:

ELISA Capture, IHC (Frozen), IHC (Paraffin), Western Blot, Immunoprecipitation, Dot Blot

Application Notes:

ELISA Sandwich: This antibody is useful as the capture antibody in a sandwich ELISA.

The suggested coating concentration is 80 ng/mL. Dot Blots: Immunoblotting:

Recognizes 120, 140, and 180 kDa NCAM isoforms. 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>).