



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 Handels GmbH

Quellenstraße 110, A-1100 Wien

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

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

mail@szabo-scandic.com

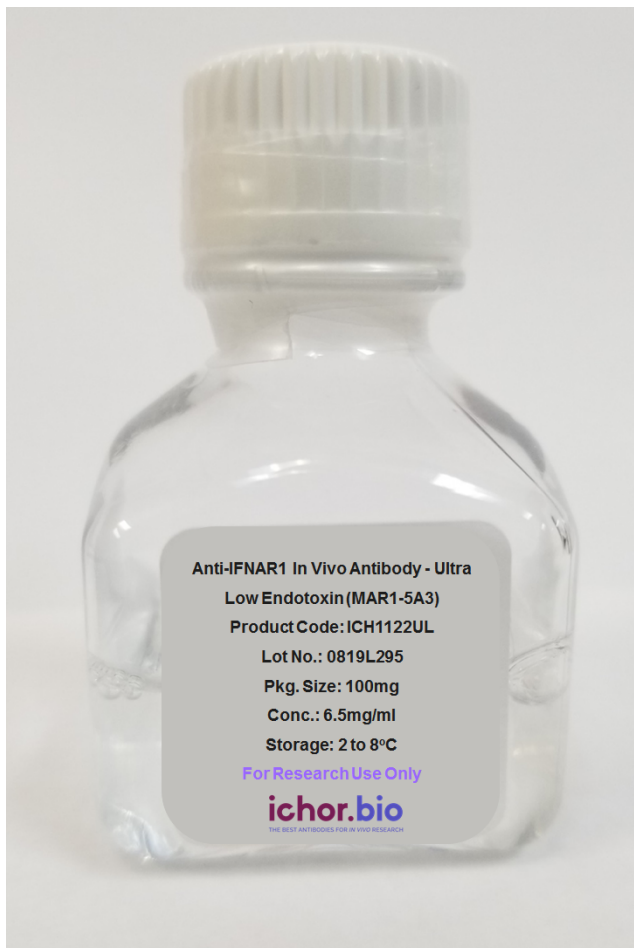
www.szabo-scandic.com

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

Anti-CD20 In Vivo Antibody - Low Endotoxin (2H7) [ICH1012]

SKU: ICH1012

Link: <https://www.ichor.bio/product/anti-cd20-in-vivo-antibody-low-endotoxin-2h7-ich1012/>



Product Information

Category: anti-human, Low Endotoxin, Ultra Low Endotoxin

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

Endotoxin Level: Low, Ultra low

Product Description

Product Benefits:

ichorbio's anti-CD20 In Vivo Antibody - Low Endotoxin (2H7) is manufactured in a cGMP compliant 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:

CD20

Clone:

2H7

Isotype:

Mouse IgG2b

Other Names:

B-lymphocyte surface antigen B1, Bp35, Leukocyte surface antigen Leu-16, Membrane-spanning 4-domains subfamily A member 1, MS4A1

Uniprot:

P11836 (<https://www.uniprot.org/uniprot/P11836>)

Host:

Mouse

Species Reactivity:

Human

Specificity:

Anti-CD20 In Vivo Antibody - Low Endotoxin (2H7) recognizes an epitope on Human CD20

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.

Background:

The CD20 antigen, also called MS4A1, B1 and Bp35, is a non-glycosylated, transmembrane spanning, phosphoprotein. The CD20 protein is present on human pre B lymphocytes and on B lymphocytes at all stages of maturation, except on plasma cells, and is synchronous with the expression of surface IgM. It is also expressed in some follicular dendritic cells and at low levels on a T cell subset. CD20 has been shown to be heavily phosphorylated in activated B cells and malignant B cells. Homo-oligomeric complexes of CD20 are thought to form Ca²⁺ conductive ion channels in the plasma membrane of B cells. The CD20 molecule is

involved in B cell activation and is associated with various Src family kinases (Lyn, Lck, Fyn), and exists in a complex with MHC class I and II, CD53, CD81, and CD82. Extensive CD20 cross-linking may also influence cell death by apoptosis. Therapy with antibodies against CD20 is a widely used regimen in the treatment of all B cell lymphomas and leukemias.

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%

IMPACT Pathogen Test:

We use the IMPACT test generated by IDEXX Laboratories to guarantee our Ultra Low Endotoxin antibodies are pathogen free. Our mouse antibodies are tested for:

Mycoplasma spp.

Mycoplasma pulmonis

Sendai virus

Mouse hepatitis virus

Pneumonia virus of mice

Minute virus of mice

Mouse parvovirus (MPV1-5)

Theiler's murine encephalomyelitis virus

Murine norovirus

Reovirus 3

Mouse rotavirus

Ectromelia virus

Lymphocytic choriomeningitis virus

Polyoma virus

Lactate dehydrogenase-elevating virus

Mouse adenovirus (MAD1, MAD2)

Mouse cytomegalovirus

K virus

Mouse thymic virus

Hantaan virus

Corynebacterium bovis

Corynebacterium spp. (HAC2)

Storage:

anti-CD20 In Vivo Antibody - Low Endotoxin (2H7) 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:

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 IgG2b Isotype Control for In Vivo - Low Endotoxin [MPC-11] (ICH2250).
(<http://www.ichor.bio/product/Mouse-IgG2b-Isotype-Control-for-In-Vivo-Low-Endotoxin-MPC-11-ICH2250>).

Related Antibody:

Anti-CD20 In Vivo Antibody - Ultra Low Endotoxin [2H7] (ICH1012UL).
(<http://www.ichor.bio/product/Anti-CD20-In-Vivo-Antibody-Low-Endotoxin-2H7-ICH1012>).