



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

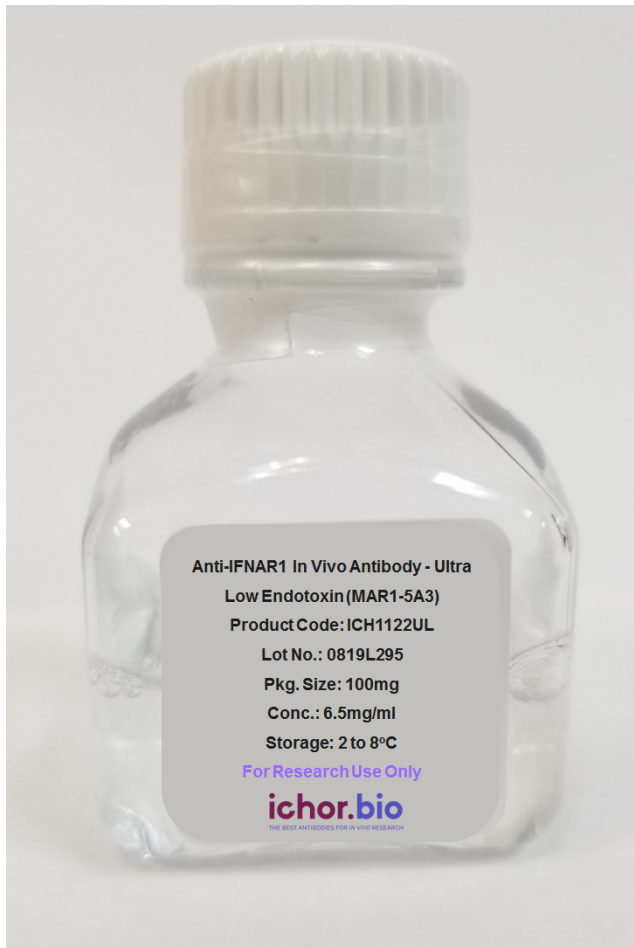
www.szabo-scandic.com

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

Anti-Human CD16 In Vivo Antibody - Low Endotoxin (3G8) [ICH1010]

SKU: ICH1010

Link: <https://www.ichor.bio/product/anti-cd16-in-vivo-antibody-low-endotoxin-3g8-ich1010/>



Product Information

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

Product Description

Product Benefits:

ichorbio's anti-CD16 In Vivo Antibody - Low Endotoxin (3G8) 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:

CD16

Clone:

3G8

Isotype:

Mouse IgG1

Other Names:

FCGR3A, Fc-gamma RIII, FcRIII

Uniprot:[P08637 \(https://www.uniprot.org/uniprot/P08637\)](https://www.uniprot.org/uniprot/P08637)**Host:**

Mouse

Species Reactivity:

Human

Specificity:

Anti-CD16 In Vivo Antibody - Low Endotoxin (3G8) recognizes an epitope on Human CD16

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:

CD16 is expressed on the surface of NK cells, activated monocytes, macrophages, and placental trophoblasts in humans.

Background:

CD16 is known as low affinity IgG receptor III (Fc gamma RIII) and is expressed as two distinct forms (CD16a and CD16b). CD16a (Fc gamma RIIIA) is a 50-65 kD polypeptide-anchored transmembrane protein. CD16b (Fc gamma RIIIB) is a 48 kD glycosylphosphatidylinositol (GPI)-anchored protein. Its extracellular domain is

over 95% homologous to that of CD16a, and it is expressed specifically on neutrophils.

Immunogen:

Human PMN cells

Concentration:

≥ 2.0 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-CD16 In Vivo Antibody - Low Endotoxin (3G8) is stable when stored at 2-8°C.

Applications:

IHC (Frozen), Flow Cytometry, Immunoprecipitation, Blocking

Application Notes:

Flow Cytometry: For flow cytometric staining, the suggested use of this reagent is ≤2.0 µg per million cells in 100 µl volume.

Blocking: Clone 3G8 antibody blocks neutrophil phagocytosis and stimulates NK cell proliferation.

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)

[.\(http://www.ichor.bio/product/Mouse-IgG1-Isotype-Control-for-In-Vivo-Low-Endotoxin-HKSP-ICH2247\)](http://www.ichor.bio/product/Mouse-IgG1-Isotype-Control-for-In-Vivo-Low-Endotoxin-HKSP-ICH2247)

Antibodies against the same target:

[Anti-CD32/CD16 In Vivo Antibody - Low Endotoxin \[2.4G2\]_\(ICH1056\)](http://www.ichor.bio/product/Anti-CD32/CD16-In-Vivo-Antibody-Low-Endotoxin-[2.4G2]_(ICH1056))

[.\(http://www.ichor.bio/product/Anti-CD32/CD16-In-Vivo-Antibody-Low-Endotoxin-](http://www.ichor.bio/product/Anti-CD32/CD16-In-Vivo-Antibody-Low-Endotoxin-)

2.4G2-ICH1056).