



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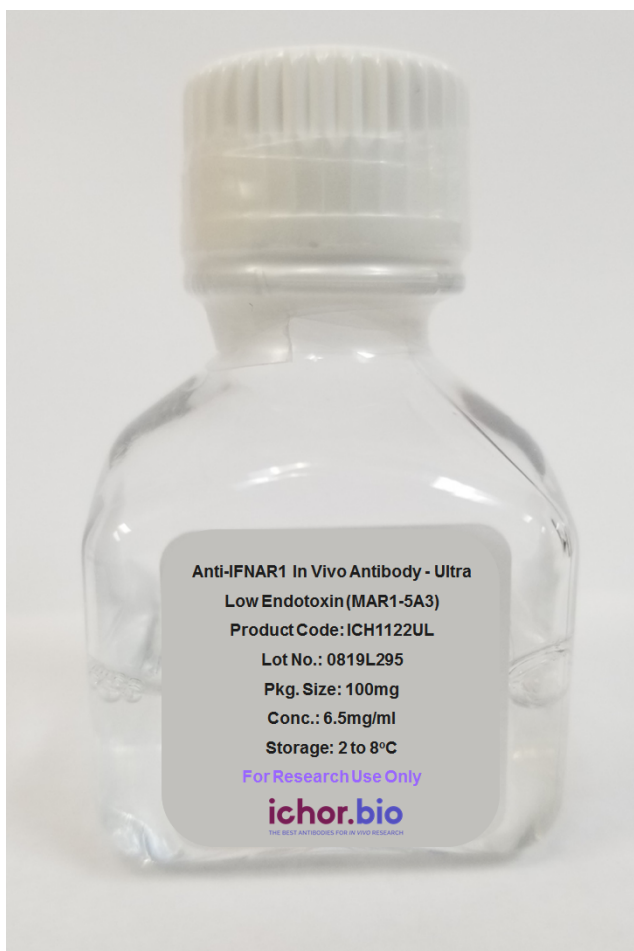
[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

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# Anti-Human CD119 In Vivo Antibody - Low Endotoxin (GIR 208) [ICH1028]

SKU: ICH1028

Link: <https://www.ichor.bio/product/anti-cd119-in-vivo-antibody-low-endotoxin-gir-208-ich1028/>



## Product Information

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

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

Endotoxin Level: Low, Ultra low

## Product Description

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**Product Benefits:**

ichorbio's anti-CD119 In Vivo Antibody - Low Endotoxin (GIR 208) 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/) (<http://www.ichor.bio/amazon-vouchers/>) for more information. ichorbio: the best antibodies for *in vivo* research.

**Target:**

CD119

**Clone:**

GIR 208

**Isotype:**

Mouse IgG1

**Other Names:**

Interferon gamma receptor 1, IFN-gamma receptor 1, IFN-gamma-R1, CDw119, Interferon gamma receptor alpha-chain2, IFN-gamma-R-alpha

**Uniprot:**

P15260 (<https://www.uniprot.org/uniprot/P15260>)

**Host:**

Mouse

**Species Reactivity:**

Human

**Specificity:**

Anti-CD119 In Vivo Antibody - Low Endotoxin (GIR 208) recognizes Human IFN gamma R alpha

**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 IFN-gamma receptor is expressed at moderate levels on virtually every cell with the exception of erythrocytes.

**Background:**

Interferon-gamma (IFN-gamma) exerts its biologic effects by interacting with a single high affinity receptor, IFN-gamma receptor. This receptor is present on almost all cell types except mature erythrocytes. The IFN-gamma receptor

consists of two polypeptide chains alpha and beta and requires association of JAK1, JAK2 and Stat1 for IFN-gamma signal transduction. In signal transduction, IFN-gamma induces tyrosine phosphorylation of IFN-gamma receptor alpha (IFNGR1) leading to the formation of a docking site on the activated receptor for Stat1, which specifically activates IFN-gamma induced gene transcription. The IFN-gamma receptor is structurally related to the recently cloned IL-10 receptor. GIR 208 binds IFNGR1 and blocks binding of IFN-gamma to the receptor.

**Immunogen:**

Human IFN-gamma R alpha, Purified from human placenta

**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-CD119 In Vivo Antibody - Low Endotoxin (GIR 208) 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 in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles.

**Applications:**

Immunoprecipitation, Western Blot

**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 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>).

**Related Antibody:**

Anti-CD119 In Vivo Antibody - Ultra Low Endotoxin [GIR 208] (ICH1028UL)  
(<http://www.ichor.bio/product/Anti-CD119-In-Vivo-Antibody-Low-Endotoxin-GIR-208-ICH1028>).