



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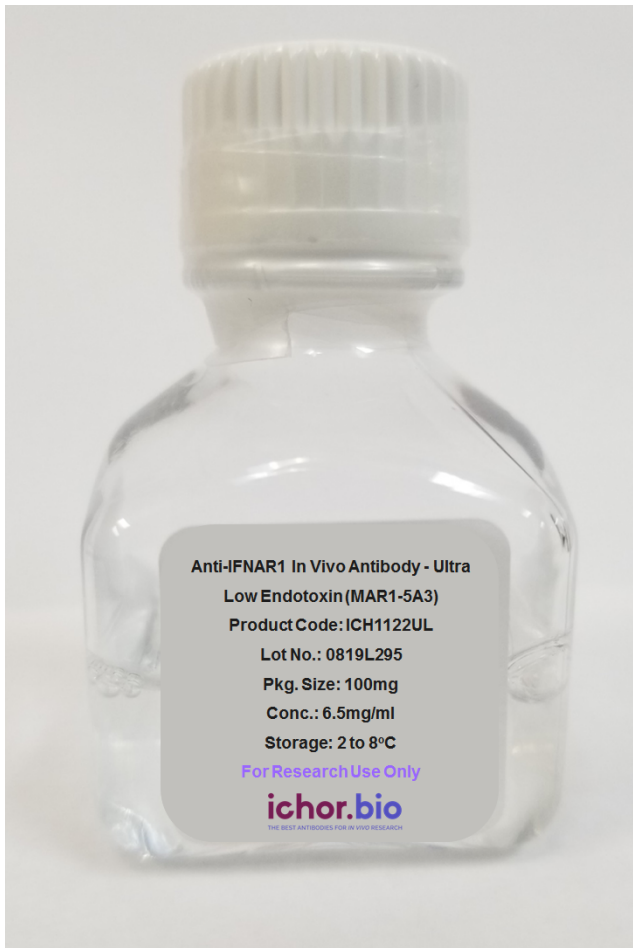
[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

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# Anti-CD3e In Vivo Antibody - Low Endotoxin (145-2C11) [ICH1041]

SKU: ICH1041

Link: <https://www.ichor.bio/product/anti-cd3e-in-vivo-antibody-low-endotoxin-145-2c11-ich1041/>



## Product Information

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Category: anti-mouse, 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-CD3e In Vivo Antibody - Low Endotoxin (145-2C11) 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:**

CD3e

**Clone:**

145-2C11

**Isotype:**

Armenian Hamster IgG

**Other Names:**

T3/Leu-4 epsilon chain, CD3 epsilon chain, CD3e

**Host:**

Armenian Hamster

**Species Reactivity:**

Mouse

**Specificity:**

Anti-CD3e In Vivo Antibody - Low Endotoxin (145-2C11) recognizes an epitope on Mouse CD3e

**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 CD3 complex is present on thymocytes (differentiation dependent), mature T cells, NK-T cells of all mouse strains tested.

**Background:**

CD3e is a 20 kD transmembrane protein and is a member of the Ig superfamily and primarily expressed on T cells, NK-T cells, and at different levels on thymocytes during T cell differentiation. CD3 plays a critical role in TCR signal transduction, T cell activation, and antigen recognition by binding the peptide/MHC antigen complex.

**Immunogen:**

H-2Kb-specific mouse cytotoxic T lymphocyte clone BM10-37

**Concentration:**

1.0 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 hamster antibodies are tested for: Mycoplasma spp Mycoplasma pulmonis Pneumonia virus of mice Kilham's rat virus Toolan's H1 virus Hamster parvovirus Lymphocytic choriomeningitis Minute virus of mice Theiler's murine encephalomyelitis virus Sendai virus Reovirus 3 Hantaan virus

**Storage:**

anti-CD3e In Vivo Antibody - Low Endotoxin (145-2C11) 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:**

Immunoprecipitation, Blocking

**Application Notes:**

Blocking: The 145-2C11 antibody has been reported to block the binding of 17A2 antibody to CD3 epsilon-specific T cells 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:**

[Armenian Hamster IgG Isotype Control for In Vivo - Low Endotoxin \[PIP\]\\_\(ICH2251\)](http://www.ichor.bio/product/Armenian-Hamster-IgG-Isotype-Control-for-In-Vivo-Low-Endotoxin-PIP-ICH2251)  
(<http://www.ichor.bio/product/Armenian-Hamster-IgG-Isotype-Control-for-In-Vivo-Low-Endotoxin-PIP-ICH2251>)

**Related Antibody:**

[Anti-CD3e In Vivo Antibody - Ultra Low Endotoxin \[145-2C11\]\\_\(ICH1041UL\)](http://www.ichor.bio/product/Anti-CD3e-In-Vivo-Antibody-Low-Endotoxin-145-2C11-ICH1041)  
(<http://www.ichor.bio/product/Anti-CD3e-In-Vivo-Antibody-Low-Endotoxin-145-2C11-ICH1041>).

**Antibodies against the same target:**

[Anti-CD3e In Vivo Antibody - Low Endotoxin \[500A2\]\\_\(ICH1040\)](http://www.ichor.bio/product/Anti-CD3e-In-Vivo-Antibody-Low-Endotoxin-500A2-ICH1040)  
(<http://www.ichor.bio/product/Anti-CD3e-In-Vivo-Antibody-Low-Endotoxin-500A2-ICH1040>), [Anti-CD3e In Vivo Antibody - Ultra Low Endotoxin \[500A2\]\\_\(ICH1040UL\)](http://www.ichor.bio/product/Anti-CD3e-In-Vivo-Antibody-Ultra-Low-Endotoxin-500A2-ICH1040UL)  
(<http://www.ichor.bio/product/Anti-CD3e-In-Vivo-Antibody-Low-Endotoxin-500A2-ICH1040>).