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Lieferung & Zahlungsart

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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

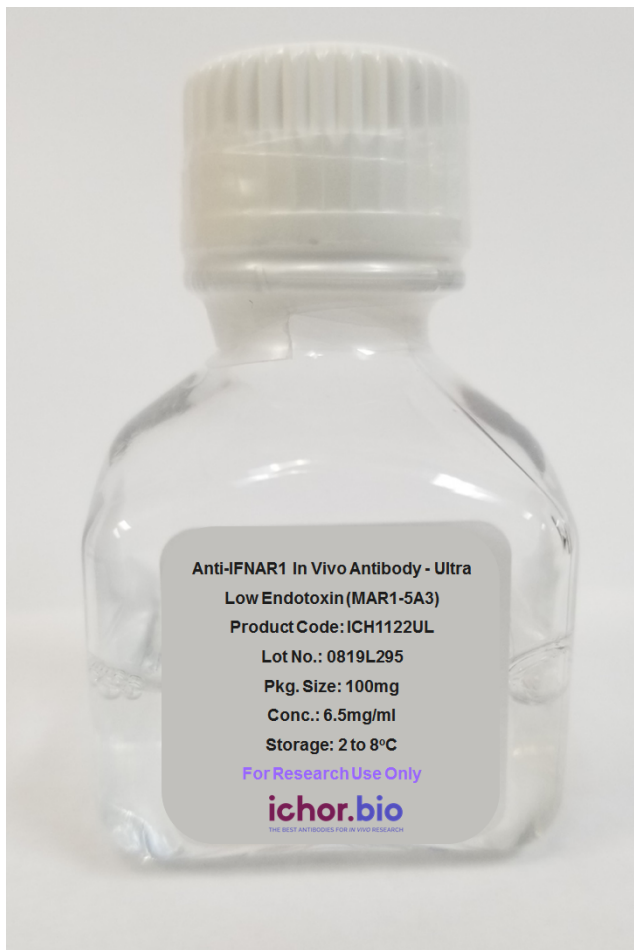
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Anti-Human HLA-DR In Vivo Antibody - Low Endotoxin (L243) [ICH1026]

SKU: ICH1026

Link: <https://www.ichor.bio/product/anti-hla-dr-in-vivo-antibody-low-endotoxin-l243-ich1026/>



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-HLA-DR In Vivo Antibody - Low Endotoxin (L243) 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/>) for more information. ichorbio: the best antibodies for *in vivo* research.

Target:

HLA-DR

Clone:

L243

Isotype:

Mouse IgG2a

Other Names:

Major Histocompatibility Class II, MHC class II, HLA-DR Monomorphic

Host:

Mouse

Species Reactivity:

Human

Specificity:

Anti-HLA-DR In Vivo Antibody - Low Endotoxin (L243) recognizes/reacts with the HLA-DR antigen, a member of MHC class II molecules. It does not cross-react with HLA-DP and HLA-DQ

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 HLA-DR antigen is present on B-lymphocytes, activated T-lymphocytes and activated natural killer (NK) lymphocytes. This antigen is also expressed on monocytes, macrophages, human progenitor cells and B-cell lymphomas.

Background:

HLA-DR is a heterodimeric cell surface glycoprotein comprised of a 36 kD (heavy) chain & a 27 kD (light) chain. It is expressed on B cells, activated T cells, monocytes/macrophages, and dendritic cells. HLA-DR is critical for efficient

peptide presentation to CD4+ T cells. Clone L243 binds a conformational epitope on HLA-DRalpha which depends on the correct folding of the AB heterodimer.

Immunogen:

Unknown

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%

Storage:

anti-HLA-DR In Vivo Antibody - Low Endotoxin (L243) is stable for at least four (4) weeks when stored at 2-8°C. For long-term storage, aliquot in working volumes without diluting and store at - 20°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles.

Applications:

Western Blot, Blocking

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 IgG2a In Vivo Isotype Control - Low Endotoxin \[C1.18.4\]_\(ICH2245\)](http://www.ichor.bio/product/Mouse-IgG2a-In-Vivo-Isotype-Control-Low-Endotoxin-C1.18.4-ICH2245)
[.\(http://www.ichor.bio/product/Mouse-IgG2a-In-Vivo-Isotype-Control-Low-Endotoxin-C1.18.4-ICH2245\)](http://www.ichor.bio/product/Mouse-IgG2a-In-Vivo-Isotype-Control-Low-Endotoxin-C1.18.4-ICH2245)