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- Mindermengenzuschlag
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- Gefahrgutzuschlag
- Expressversand

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Anti-Mouse NK1.1 In Vivo Antibody - Low Endotoxin (PK136) [ICH1128]

SKU: ICH1128

Link: <https://www.ichor.bio/product/anti-nk1-1-in-vivo-antibody-low-endotoxin-pk136-ich1128/>



Product Information

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

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

Endotoxin Level: Low, Ultra low

Product Description

Product Benefits:

ichorbio's anti-NK1.1 In Vivo Antibody - Low Endotoxin (PK136) 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:

NK1.1

Clone:

PK136

Isotype:

Mouse IgG2a

Other Names:

Natural Killer Cells, KR-P1C, NKR-P1B, Ly-55, CD161b, CD161c

Host:

Mouse

Species Reactivity:

Mouse

Specificity:

Anti-NK1.1 In Vivo Antibody - Low Endotoxin (PK136) recognizes an epitope on Mouse NK1.1

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:

Mouse NK cells. Endogenous and interferon induced NK cells. Not present on cytotoxic T-cells and Con A stimulated blast cells. May be present on a certain subset of cytotoxic T-cells strains A, AKR, BALB/C, BALB.H-2b, CBA, C3H, DBA/2, 124 were negative using PK136.

Background:

NK-1.1 surface antigen, also known as CD161b/CD161c, is encoded by the NKR-P1B/NKR-P1C gene. It is expressed on NK cells and NK-T cells in some mouse strains. NK-1.1 has also been shown to play a role in NK cell activation, IFN- γ production, and cytotoxic granule release. NK-1.1 and DX5 are commonly used as mouse NK cell markers.

Immunogen:

NK-1+ cells from mouse spleen and bone marrow

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-NK1.1 In Vivo Antibody - Low Endotoxin (PK136) is stable for at least one week 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:

Immunoprecipitation, 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>).

Related Antibody:

Anti-NK1.1 In Vivo Antibody - Ultra Low Endotoxin [PK136] (ICH1128UL)
(<http://www.ichor.bio/product/Anti-NK1.1-In-Vivo-Antibody-Low-Endotoxin-PK136-ICH1128>).