

Anti-Mouse CD155 (4.24) In Vivo Antibody - Low Endotoxin

Product Code: ICH1075

Bulk anti-CD155 In Vivo Antibody - Low Endotoxin (4.24)

Product Benefits:

ichorbio's anti-CD155 In Vivo Antibody - Low Endotoxin (4.24) 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 [Bio X Cell](#) 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 (0.5EU/mg) at an even higher purity (98% versus 95%). ichorbio: the best antibodies for *in vivo* research.

Target:

CD155

Clone:

4.24

Isotype:

Rat IgG2a

Other Names:

Pvr, Poliovirus receptor

Uniprot:

[Q91WP1](#)

Host:

Rat

Species Reactivity:

Mouse

Specificity:

Anti-CD155 In Vivo Antibody - Low Endotoxin (4.24) recognizes an epitope on Mouse CD155

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:

CD155 is expressed at cell junctions on the primary vascular endothelial cells. Also, mouse CD155 is highly expressed on DP thymocytes.

Background:

Mouse CD155, is a member of a subfamily of immunoglobulin-like adhesion receptors. Mouse CD155 is expressed on a variety of cells of hematopoietic origin apart from its existence on the epithelial cells. The engagement of CD155 with CD226 and CD96 induces cytotoxicity of NK cells and CTL.

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%

Storage:

This antibody is stable for at least 4 weeks when stored at 2-8°C. For long term storage, aliquot in working volumes without diluting and store at - 20°C or -80°C. Avoid repeated freeze thaw cycles.

Applications:

Western Blot, Functional Assays, Flow Cytometry

How much 4.24 to use *in vivo*

We recommend using 250 µg per mouse when performing *in vivo* research using ichorbio's CD155 low endotoxin antibody clone 4.24. This range is based off the most recent publication data using the 4.24 clone *in vivo*: contact us if you would like the latest publications.

Application Notes:

Each investigator should determine their own optimal working dilution for specific applications.

Use:

Products are for research use only.

Isotype Control:

[Rat IgG2a In Vivo Isotype Control - Low Endotoxin \[1-1\] \(ICH2244\)](#)