

Anti-Mouse Dendritic Cells (33D1) In Vivo Antibody - Low Endotoxin

Bulk anti-Dendritic Cells In Vivo Antibody - Low Endotoxin (33D1)

Product Benefits:

ichorbio's anti-Dendritic Cells In Vivo Antibody - Low Endotoxin (33D1) 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:

Dendritic Cells

Clone:

33D1

Isotype:

Rat IgG2b

Other Names:

DCIR2

Host:

Rat

Species Reactivity:

Mouse

Specificity:

Anti-Dendritic Cells In Vivo Antibody - Low Endotoxin (33D1) recognizes Mouse Dendritic Cells

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:

Clone 33D1 monoclonal antibody reacts with mouse dendritic cell (DC), specific surface marker, and DCIR2. DCIR2 has been reported on a variety of dendritic cell subpopulations from mouse thymus, spleen, lymph node, and Peyer's patch. Bone marrow dendritic cells require GM-CSF to express DCIR2, and this expression is downregulated in the presence of IL-4. DCIR2 has been detected in vivo in brain dendritic cells post infection with *Toxoplasma gondii*.

Background:

Dendritic cells (DC) are a small subpopulation of lymphoid cells with distinctive cytologic features, surface properties, and functions.

Immunogen:

Dendritic cells

Concentration:

0.5 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, IHC (Frozen), Flow Cytometry, Immunocytochemistry

Application Notes:

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Products are for research use only. Not for use in diagnostic or therapeutic procedures.

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

Use:

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Isotype Control:

[Rat IgG2b In Vivo Isotype Control - Low Endotoxin \[1-2\] \(ICH2243\)](#)