

Anti-CD19 (1D3) In Vivo Antibody - Low Endotoxin

Bulk anti-CD19 In Vivo Antibody - Low Endotoxin (1D3)

Bio X Cell:

ICH1052 is [up to 37% cheaper](#) for industry than the equivalent products BE0150 (low endotoxin) from Bio X Cell.

Product Benefits:

ichorbio's anti-CD19 In Vivo Antibody - Low Endotoxin (1D3) is manufactured in a cGMP compliant 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:

CD19

Clone:

1D3

Size:

ichorbio's 1D3 *in vivo* antibody is available in the following bulk sizes: 1mg, 5mg, 25mg, 50mg and 100mg
ichorbio regularly manufactures multi-gram amounts of our anti-CD19 1D3 clone - please contact us for pricing.

Isotype:

Rat IgG2a

Other Names:

Integrin beta-2, Itgb2, LFA-1/CR3/p150,95 subunit beta

Uniprot:

[P11835](#)

Host:

Rat

Species Reactivity:

Mouse

Specificity:

Anti-CD19 In Vivo Antibody - Low Endotoxin (1D3) recognizes an epitope on Mouse CD19

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.

Immunogen:

K562 cells expressing the extracellular domain of mouse CD19

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 rat antibodies are tested for: Mycoplasma spp Mycoplasma pulmonis Pneumonia virus of mice Kilham's rat virus Toolan's H1 virus Rat parvovirus Lymphocytic choriomeningitis virus Rat cytomegalovirus Sendai virus Rat coronavirus Sialodacryoadenitis virus Rat minute virus Seoul virus Mouse adenovirus Reovirus 3 Rat theilovirus

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, Immunoprecipitation

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 \[1-1\] \(ICH2244\)](#)

Antibodies against the same target:

[Anti-CD19 In Vivo Antibody - Low Endotoxin \[SJ25-C1\] \(ICH1011\)](#)

Alternative Names:

- Antibody deficiency due to defect in CD19 antibody
- Antibody deficiency due to defect in CD19, included antibody
- AW495831 antibody
- B lymphocyte antigen CD19 antibody
- B lymphocyte surface antigen B4 antibody
- B-lymphocyte antigen CD19 antibody
- B-lymphocyte surface antigen B4 antibody
- B4 antibody
- CD19 antibody
- CD19 antigen antibody
- CD19 molecule antibody
- Cd19 protein antibody
- CVID3 antibody
- Differentiation antigen CD19 antibody
- Leu 12 antibody
- Leu-12 antibody
- Leu12 antibody
- MGC109570 antibody
- MGC12802 antibody
- T-cell surface antigen Leu-12 antibody