

Anti-Mouse CD11a (FD441.8) In Vivo Antibody - Low Endotoxin

Bulk anti-CD11a In Vivo Antibody - Low Endotoxin (FD441.8)

Bio X Cell:

ICH1047 is [up to 37% cheaper](#) for industry than the equivalent product BE0005-1 from Bio X Cell. **Product Benefits:**

ichorbio's anti-CD11a In Vivo Antibody - Low Endotoxin (FD441.8) 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:

CD11a

Clone:

FD441.8

Size:

ichorbio's FD441.8 *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-CD11a FD441.8 clone - please contact us for pricing.

Isotype:

Rat IgG2b

Other Names:

LFA-1 alpha, LFA-1A, Integrin alpha-L, ITGAL, Ly-15

Uniprot:

[P24063](#)

Host:

Rat

Species Reactivity:

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Mouse

Specificity:

Anti-CD11a In Vivo Antibody - Low Endotoxin (FD441.8) recognizes an epitope on Mouse CD11a

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 CD11a LFA-1 antigen is present on >97% thymocytes, >95% blood lymphocytes, 79% bone marrow cells and certain lymphoma and macrophage-like cell lines.

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

Application Notes:

Functional Assay: The antibody inhibits ConA-facilitated lysis, but does not affect PHA-facilitated lysis. Each investigator should determine their own optimal working dilution for specific applications.

Use:

Products are for research use only.

Isotype Control:

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

Antibodies against the same target:

[Anti-CD11a In Vivo Antibody - Low Endotoxin \[38\] \(ICH1006\)](#), [Anti-CD11a In Vivo Antibody - Low Endotoxin \[I21/7\] \(ICH1048\)](#)