

Anti-Mouse CD11a (I21/7) In Vivo Antibody - Low Endotoxin

Product Code: ICH1048

Bulk anti-CD11a In Vivo Antibody - Low Endotoxin (I21/7)

Product Benefits:

ichorbio's anti-CD11a In Vivo Antibody - Low Endotoxin (I21/7) 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:

I21/7

Isotype:

Rat IgG2a

Other Names:

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

Uniprot:

[P24063](#)

Host:

Rat

Species Reactivity:

Mouse

Specificity:

Anti-CD11a In Vivo Antibody - Low Endotoxin (I21/7) recognizes the alpha subunit of the mouse leukocyte function associated antigen-1 (LFA-1). CD11a/CD18ALB2 leukocyte integrin is a member of a family of heterodimeric receptors which mediate cellular adhesion reactions

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:

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 $\leq 5\%$

Aggregation level $\leq 1\%$

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:

Immunoprecipitation, Western Blot, Blocking, Functional Assays, Flow Cytometry

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-CD11a In Vivo Antibody - Low Endotoxin \[FD441.8\] \(ICH1047\)](#), [Anti-CD11a In Vivo Antibody - Low Endotoxin \[38\] \(ICH1006\)](#)

Alternative Names:

- Lymphocyte function associated antigen, type 1, alpha subunit antibody
- Antigen CD11A (p180), lymphocyte function associated antigen 1, alpha polypeptide antibody
- Antigen CD11A antibody
- CD 11a antibody
- CD11 antigen-like family member A antibody
- CD11a antibody
- CD11a antigen antibody
- Integrin Alpha L antibody

- Integrin alpha-L antibody
- Integrin gene promoter antibody
- Integrin, alpha L (antigen CD11A (p180), lymphocyte function associated antigen 1; alpha polypeptide) antibody
- ITAL_HUMAN antibody
- Itgal antibody
- ITGAL protein antibody
- Leukocyte adhesion glycoprotein LFA 1 alpha chain antibody
- Leukocyte adhesion glycoprotein LFA-1 alpha chain antibody
- Leukocyte Adhesion Glycoprotein LFA1 Alpha Chain antibody
- Leukocyte function associated molecule 1 alpha chain antibody
- Leukocyte function-associated molecule 1 alpha chain antibody
- LFA 1 alpha (LFA1A) antibody
- LFA 1 alpha antibody
- LFA 1 antibody
- LFA 1A antibody
- LFA-1A antibody
- LFA1A antibody
- Ly15 antibody
- Ly21 antibody
- Lymphocyte function associated antigen 1 antibody
- Lymphocyte Function Associated Antigen Type 1 alpha antibody
- lymphocyte function-associated antigen 1, alpha polypeptide antibody
- p180 antibody