Bulk Anti-Human CD11b (ICRF44) Antibody

Product Code: ICH1007

Bulk anti-human CD11b antibody (ICRF44)

Product Benefits:

ichorbio's bulk anti-human CD11b antibody (ICRF44) 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:

CD11b

Clone:

ICRF44

Isotype:

Mouse IgG1

Other Names:

Integrin alpha-M,ITGAM, ICR-3 alpha chain, Cell surface glycoprotein MAC-1 subunit alpha, Leukocyte adhesion receptor MO1, CR3A

Uniprot:

P11215

Host:

Products are for research use only. Not for use in diagnostic or therapeutic procedures. ichorbio, ichorbio logo and all other trademarks are the property of ichorbio LTD © ichorbio 2026

Mouse

Species Reactivity:

Human

Specificity:

Anti-human CD11b Antibody (ICRF44) recognizes Human CD11b. Anti-Human CD11b recognizes the alpha subunit of the CD11b/CD18 complex, an alpha/Beta heterodimeric surface glycoprotein on human leukocytes (Mr 165-170 kDa). The CD11b/CD18 antigen belongs to the B2 integrin family. Other names include Mac-1, Cr3, MO-1 and C3bi receptor. The CD11b molecule functions as a receptor for C3bi complement, clotting factor X, fibrinogen and ICAM-1.

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 CD11b antigen is expressed on approximately 30% of human peripheral blood lymphocytes, most natural killer lymphocytes, circulating monocytes, granulocytes, a subset of T-cells and subsets of macrophages.

Background:

Anti-CD11b may be used to study lymphocyte subsets in flow cytometry and in cell adhesion research (Mac-1). The antibody may be used to stain tissue sections which have been acetone fixed and frozen.

Immunogen:

Unknown

Concentration:

≥ 2.0 mg/ml

Formulation:

Products are for research use only. Not for use in diagnostic or therapeutic procedures.
ichorbio, ichorbio logo and all other trademarks are the property of ichorbio LTD © ichorbio 2026

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 analyzed by silver stain.

>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:

Flow Cytometry, Western Blot, IHC (Frozen), Immunoprecipitation

Application Notes:

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

Use:

Products are for research use only.

Isotype Control:

Products are for research use only. Not for use in diagnostic or therapeutic procedures.
ichorbio, ichorbio logo and all other trademarks are the property of ichorbio LTD © ichorbio 2026

Mouse IgG1 Isotype Control for In Vivo - Low Endotoxin [HKSP] (ICH2247)

Antibodies against the same target:

Anti-CD11b In Vivo Antibody - Low Endotoxin [M1/70] (ICH1049)

Alternative Names:

- antigen CD11b (p170) antibody
- Antigen CD11b p170 antibody
- CD11 antigen like family member B antibody
- CD11 antigen-like family member B antibody
- CD11b antibody
- CD11b/CD18 antibody
- CD49d antibody
- Cell surface glycoprotein MAC-1 subunit alpha antibody
- Complement component 3 receptor 3 subunit antibody
- Complement Component Receptor 3 Alpha antibody
- Complement receptor type 3 antibody
- Complement receptor type 3, alpha subunit antibody
- CR 3 alpha chain (CR3A) antibody
- CR 3 alpha chain antibody
- CR-3 alpha chain antibody
- CR3 antibody
- CR3A antibodyv
- F730045J24Rik antibody
- Integrin Alpha M antibody
- Integrin alpha M chain antibody
- Integrin alpha-M antibody
- Integrin beta 2 alpha subunit antibody
- Integrin subunit alpha M antibody
- integrin, alpha M (complement component 3 receptor 3 subunit) antibody
- ITAM_HUMAN antibody
- ITGAM antibody
- Leukocyte adhesion receptor MO1 antibody
- Ly-40 antibody
- MAC 1 antibody
- Mac-1a antibody

Products are for research use only. Not for use in diagnostic or therapeutic procedures.
ichorbio, ichorbio logo and all other trademarks are the property of ichorbio LTD © ichorbio 2026

- MAC1 antibody
- Mac1, alpha subunit antibody
- MAC1A antibody
- Macrophage antigen alpha polypeptide antibody
- MGC117044 antibody
- Mo1 antibody
- Mo1, alpha subunit antibody
- MO1A antibody
- Neutrophil adherence receptor alpha M subunit antibody
- Neutrophil adherence receptor antibody
- SLEB6 antibody

Products are for research use only. Not for use in diagnostic or therapeutic procedures.
ichorbio, ichorbio logo and all other trademarks are the property of ichorbio LTD © ichorbio 2026