

Bulk Anti-Human (3.9) CD11c Antibody

Product Code: ICH1008

Bulk anti-human CD11c antibody (3.9)

Product Benefits:

ichorbio's anti-human CD11c antibody (3.9) 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:

CD11c

Clone:

3.9

Isotype:

Mouse IgG1

Other Names:

Integrin alpha-X, ITGAX, Leu M5, Leukocyte adhesion glycoprotein p150,95 alpha chain, Leukocyte adhesion receptor p150,95

Uniprot:

[P20702](#)

Host:

Mouse

Species Reactivity:

Human

Specificity:

Bulk anti-human CD11c antibody (3.9) recognizes Human CD11c. Anti-Human CD11c the (Mr 150 kDa) α -chain of the CD11c/CD18 complex. The antigen is the complement receptor type 4 (CR4). CD11c is an α/β heterodimeric glycoprotein which belongs to the B2 integrin family. It is also known as gp 150/95.

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 CD11c antigen is present on monocytes and in lower density on granulocytes and NK cells. The antigen is strongly expressed in hairy cell leukemia and in some acute myeloid leukemias. Anti-Human CD11c (clone 3.9) stains macrophages in acetone-fixed frozen section of human lung, brain, colon, skin, spleen, thymus and tonsil.

Background:

Anti-Human CD11c may be used to stain monocytes and macrophages or hairy cell leukemia cells. This antibody can be used in studies of complement receptors. In malignant tissue, Anti-CD11c stains true histiocytic lymphomas and does not stain carcinomas or T- or B-lymphomas.

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 $\leq 5\%$

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:

Flow Cytometry, CyTOF, IHC (Frozen), Immunofluorescence

Application Notes:

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

Use:

Products are for research use only.

Isotype Control:

[Mouse IgG1 Isotype Control for In Vivo - Ultra Low Endotoxin \[HKSP\] \(ICH2247UL\)](#)

Antibodies against the same target:

[Anti-CD11C In Vivo Antibody - Low Endotoxin \[N418\] \(ICH1050\)](#)

Alternative Names:

- 95 alpha chain antibody
- 95 antibody
- CD 11c antibody
- CD11 antigen like family member C antibody
- CD11 antigen-like family member C antibody
- CD11c antibody
- CD11c antigen antibody
- Complement component 3 receptor 4 subunit antibody
- CR4 antibody
- Integrin alpha X antibody
- Integrin alpha X chain antibody
- Integrin alpha-X antibody
- Integrin aX antibody
- Integrin subunit alpha X antibody
- integrin, alpha X (antigen CD11C (p150), alpha polypeptide) antibody
- integrin, alpha X (complement component 3 receptor 4 subunit antibody
- ITAX_HUMAN antibody
- ITGAX antibody
- LEU M5 alpha subunit antibody
- Leu M5 antibody
- Leukocyte adhesion glycoprotein p150 95 alpha chain antibody
- Leukocyte adhesion glycoprotein p150 antibody
- Leukocyte adhesion receptor p150 95 antibody
- Leukocyte adhesion receptor p150 antibody
- Leukocyte surface antigen p150 95 alpha subunit antibody
- Leukocyte surface antigen p150 alpha subunit antibody
- Myeloid membrane antigen alpha subunit antibody
- p150 95 integrin alpha chain antibody
- p150 antibody
- p150/95 antibody
- SLEB6 antibody