Mouse Anti-Human CD11c

Cat. No. Format Size
9551-01 Purified (UNLB) 0.1 mg
9551-02 Fluorescein (FITC) 100 tests
9551-02S Fluorescein (FITC) 25 tests
9551-08 Biotin (BIOT) 100 tests
9551-09 R-phycocerythin (PE) 100 tests
9551-09S R-phycocerythin (PE) 25 tests
9551-26 Pacific Blue™ (PACBLU) 100 tests
9551-27 Alexa Fluor® 700 (AF700) 100 tests
9551-30 Alexa Fluor® 488 (AF488) 100 tests
9551-31 Alexa Fluor® 647 (AF647) 100 tests

Overview

Clone 3.9
Isotype Mouse (BALB/c) IgG1k
Immunogen Rheumatoid synovial cells and human monocytes
Specificity Human/Rhesus/Cynomolgus CD11c; Mr 150 kDa
Alternate Name(s) Integrin αX, Axb2, CR4, p150,95
Workshop III 278, 707; IV M66; V S144; VI Ref

Description

CD11c is a 150 kDa adhesion glycoprotein that associates with β2 integrin to form the CD11c/CD18 heterodimer that binds CD54 (ICAM-1) and fibrinogen. It is expressed on NK cells, a subset of B and T cells, granulocytes, monocytes, and macrophages. It functions in cytotoxic T cell killing and in neutrophil and monocyte adhesion to endothelium.

Applications

FC – Quality tested
IHC-FS – Reported in literature
IP – Reported in literature
Block – Reported in literature

Working Dilutions

Flow Cytometry Purified (UNLB) antibody ≤ 1 μg/10⁶ cells
FITC, BIOT, PE, PACBLU, AF488, AF647, and AF700 conjugates 10 μL/10⁶ cells
For flow cytometry, the suggested use of these reagents is in a final volume of 100 μL

Other Applications Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.
Handling and Storage

- The purified (UNLB) antibody is supplied as 0.1 mg of purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. No preservatives or amine-containing buffer salts added. Store at 2-8°C.
- The fluorescein (FITC) conjugate is supplied as 25 tests in 0.25 mL or 100 tests in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- The biotin (BIOT) conjugate is supplied as 100 tests in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 25 tests in 0.25 mL or 100 tests in 1.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. Do not freeze!
- The Alexa Fluor® 488 (AF488), Alexa Fluor® 647 (AF647), Alexa Fluor® 700 (AF700), and Pacific Blue™ (PACBLU) conjugates are supplied as 100 tests in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- Protect fluorochrome conjugated forms from light. Reagents are stable for the period shown on the label if stored as directed.

Warning

Some reagents contain sodium azide. Please refer to product specific SDS.

References

6. Nishimura T, Onda M, Takao S. CD4- CD25+ regulatory T cells suppressed the indirect xenogeneic immune response mediated by porcine epithelial cell pulsed dendritic cells. Xenotransplantation. 2010;17:313-23. (FC)

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