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30-2092: Anti-CD11b Monoclonal Antibody (Clone:ICRF44)-FITC Conjugated

Clone Name: Monoclonal ICRF44

Application : FACS, IP, IHC-Fr, ICC, Functional Assay

Reactivity: Human, Non-Human Primates

Conjugate: FITC
Gene: ITGAM
Gene ID: 3684
Uniprot ID: P11215

Alternative Name: ITGAM,CD11B,CR3A

Isotype: Mouse IgG1

Immunogen Information: Rheumatoid synovial cells and human monocytes.

Description

CD11b (integrin alphaM subunit) is a 165-170 kDa type I transmembrane glycoprotein that non-covalently associates with integrin beta2 subunit (CD18); expression of the CD11b chain on the cell surface requires the presence of the CD18 antigen. CD11b/CD18 integrin (Mac-1, CR3) is highly expressed on NK cells, neutrophils, monocytes and less on macrophages. CD11b/CD18 integrin is implicated in various adhesive interactions of monocytes, macrophages and granulocytes, facilitating their diapedesis, as well as it mediates the uptake of complement coated particles, serving as a receptor for the iC3b fragment of the third complement component.

Product Info

Amount: 100 tests

Storage condition: Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

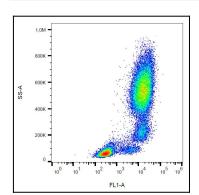


Figure 1: Surface staining of human peripheral blood with anti-CD11b (ICRF44) FITC.