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30-1004: Anti-CD11b / Mac-1 alpha Monoclonal Antibody (Clone:MEM-174)-Azide free

Clonality: Monoclonal
Clone Name: MEM-174

Application: IP

Reactivity: Human

Gene: ITGAM

Gene ID: 3684

Uniprot ID: P11215

Format: Azide free

Alternative Name: ITGAM,CD11B,CR3A Isotype: Mouse IgG2a

Immunogen Information: Human granulocytes

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: 0.1 mg

Purification : Purified by protein-A affinity chromatography

Storage condition : Store at 2-8°C. Do not freeze.

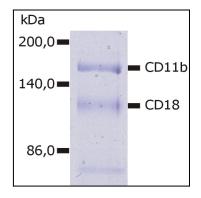


Figure 1: Immunoprecipitation of human CD11b/CD18 heterodimer from the lysate of washed PBMC isolated from healthy donor. Lysate was subjected to affinity column chromatography using anti-human CD11b (MEM-174) immunosorbent. Eluted immunoprecipitate was resolved on 7.5% SDS-PAGE and stained with Coomasie Blue.