

30-2828: Anti-Hu CD11b Purified

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| Clonality : | Monoclonal |
| Clone Name : | ICRF44 |
| Application : | FACS, IP, IHC-Fr, ICC |
| Reactivity : | Human, Non-human primates |
| Gene : | ITGAM |
| Gene ID : | 3684 |
| Uniprot ID : | P11215 |
| Format : | Purified |
| Alternative Name : | integrin subunit alpha M Mac-1, Integrin alpha M, ITGAM, CR3A, MO1A, MAC1A |
| 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.

Specificity : The mouse monoclonal antibody ICRF44 recognizes an extracellular epitope of CD11b (Mac-1alpha), a 165-170 kDa type 1 transmembrane protein mainly expressed on monocytes, granulocytes and NK-cells.

Product Info

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| Amount : | 0.1 mg |
| Purification : | Purified by protein-A affinity chromatography. |
| Content : | Storage Buffer: Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide |
| Storage condition : | Store at 2-8°C. Do not freeze. |

Application Note

Flow cytometry: Recommended dilution: 1-4 μ g/ml