

30-2141: Anti-CD11b activation epitope Monoclonal Antibody (Clone:CBRM1/5)-PE Conjugated

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|--------------------------------|---------------------------|
| Clonality : | Monoclonal |
| Clone Name : | CBRM1/5 |
| Application : | FACS |
| Reactivity : | Human |
| Conjugate : | PE |
| Isotype : | Mouse IgG1 |
| Immunogen Information : | Information not available |

Description

CD11b (integrin α M subunit) is a 165-170 kDa type I transmembrane glycoprotein that non-covalently associates with integrin β 2 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

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|----------------------------|---|
| Amount : | 100 tests |
| Storage condition : | Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. |

Application Note

Flow cytometry: The reagent is designed for analysis of human blood cells using 10 μ l reagent / 100 μ l of whole blood or 10^6 cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.

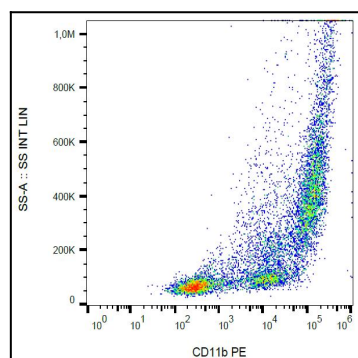


Figure 1: Surface staining of PMA-activated human peripheral blood cells with anti-human CD11b activation epitope (CBRM1/5) PE.