Store at 4°C

# PE Anti-Human CD11b Monoclonal Antibody

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精准 高效 稳定 Precision Efficient Stable

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| Catalog Number | Vial Size |
|---|---|
| H20113-09G | 25 tests |
| H20113-09H | 100 tests |

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.
This product is guaranteed up to one year from purchase.

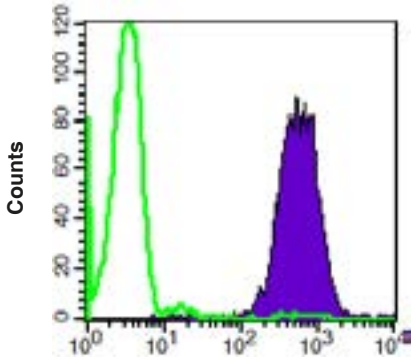
## Purified Antibody Characterization

| Clone | Isotype | Reactivity |
|---|---|---|
| HI11b | Mouse IgG2b | Human |

## Description

CD11b is a 165-170 kD type I transmembrane glycoprotein also known as αM integrin, Mac-1, CR3, and C3biR. CD11b non-covalently associates with integrin β2 (CD18) and is expressed on granulocytes, monocytes/macrophages, dendritic cells, NK cells, and subsets of T and B cells. CD11b/CD18 is critical for the transendothelial migration of monocytes and neutrophils. It is also involved in granulocyte adhesion, phagocytosis, and neutrophil activation. CD11b/CD18 interacts with ICAM-1 (CD54), ICAM-2 (CD102), ICAM-4, CD14, CD23, heparin, iC3b, fibrinogen, and Factor X.

## Illustration of Immunofluorescent Staining




**Log Fluoresence Intensity**

Human peripheral blood monocytes and granulocytes stained with PE anti-human CD11b

## Product Information

**Conjugation:** PE

**Formulation:** PBS pH 7.2, 0.09% $NaN_3$, 0.2% BSA

**Storage:** Keep as concentrated solution. Store at 4°C and protected from prolonged exposure to light. **Do not freeze.**

**Application:** Recommended Application: FC

**Usage:** Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis (The amount of the reagent is suggested to be used from 20 μL to 5 μL per 100 μL of peripheral blood. Please check your vial). Since applications vary, the appropriate dilutions must be determined for individual use.

## References

[1] Stewart, M., et al. 1995. Curr. Opin. Cell Biol. 7:690.

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