

## PerCP Anti-Human CD11b Monoclonal Antibody



天津三箭生物技术股份有限公司  
Tianjin Sungene Biotech Co., Ltd.  
精准 高效 稳定 Precision Efficient Stable

Catalog Number	Vial Size
H20113-32G	25 tests
H20113-32H	100 tests

**Market** | 400-621-0003  
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**Web** | www.sungenebiotech.com

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

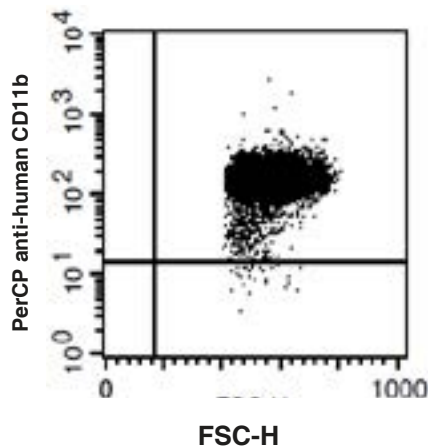
### Purified Antibody Characterization

Clone	Isotype	Reactivity
HI11b	Mouse IgG2b	Human

### Description

CD11b is a 165-170 kD type I transmembrane glycoprotein also known as  $\alpha$ M integrin, Mac-1, CR3, and C3biR. CD11b non-covalently associates with integrin  $\beta$ 2 (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



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

### Product Information

**Conjugation:** PerCP

**Formulation:** PBS pH 7.2, 0.09% NaN<sub>3</sub>, 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  $\mu$ L to 5  $\mu$ L per 100  $\mu$ L 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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