

## PE/Cy7 Anti-Human CD11c 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
H30111-17G	25 tests
H30111-17H	100 tests

**Market** | 400-621-0003  
marketing@sungenebiotech.com

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

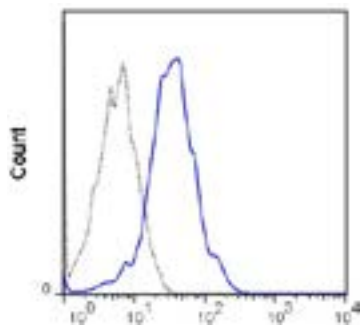
### Purified Antibody Characterization

Clone	Isotype	Reactivity
3.9	Mouse IgG1	Human

### Description

Clone 3.9 preferentially binds the activated form of CD11c, is specific for I domain of CD11c, and is able to partially block the binding of CD11c and ICAM-4.3.9 binding is divalent cation dependent. While analyzing blood, it is best to use heparin as the anti-coagulant and not EDTA. Since the ability of clone 3.9 to bind to its target is divalent cation dependent, the usage of EDTA as an anti-coagulant may be detrimental to staining due to its chelating properties.

### Illustration of Immunofluorescent Staining



#### Log Fluorescence Intensity

Staining of human peripheral blood monocytes with PE/Cy7 anti-human CD11c (solid line) or PE/Cy7 Mouse IgG1 Isotype Control (dashed line)

### Product Information

**Conjugation:** PE/Cy7

**Formulation:** Aqueous buffer, 0.09% NaN<sub>3</sub>, may contain carrier protein/stabilize.

**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 20 µL to 5 µL /10<sup>6</sup> cells or 100 µL of whole blood. Please check your vial). Since applications vary, the appropriate dilutions must be determined for individual use.

### References

- [1] Petty H. 1996. Immunol. Today 17:209.
- [2] Springer T. 1994. Cell 76:301.
- [3] Ihanus E, et al. 2007. Blood 109:802-810.

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