

## PerCP/Cy5.5 anti-human CD66b

**Catalog # / Size:** 305107 / 25 tests  
305108 / 100 tests

**Clone:** G10F5

**Isotype:** Mouse IgM,  $\kappa$

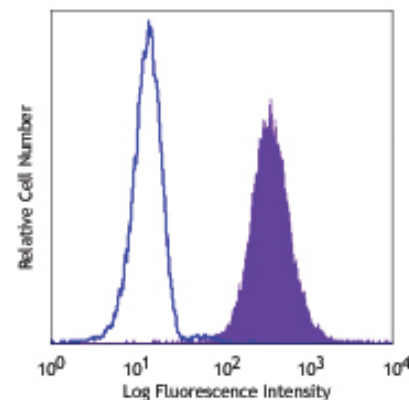
**Workshop Number:** VI MA81

**Reactivity:** Human, **Cross-Reactivity:** Chimpanzee

**Preparation:** The antibody was purified by affinity chromatography and conjugated with PerCP/Cy5.5 under optimal conditions. The solution is free of unconjugated PerCP/Cy5.5 and unconjugated antibody.

**Formulation:** Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).

**Storage:** The antibody solution should be stored undiluted at 4°C and protected from prolonged exposure to light. **Do not freeze.**



Human peripheral blood granulocytes stained with G10F5 PerCP/Cy5.5

## Applications:

**Applications:** FC - Quality tested

**Recommended Usage:** Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is 5  $\mu$ l per million cells or 5  $\mu$ l per 100  $\mu$ l of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

\* PerCP/Cy5.5 has a maximum absorption of 482 nm and 564 nm and a maximum emission of 690 nm.

**Application Notes:** Additional reported applications (for the relevant formats) include: immunohistochemical staining of acetone-fixed frozen and formalin-fixed paraffin-embedded tissue sections.

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**Application References:**

- Schlossman S, *et al.* Eds. 1995. Leucocyte Typing V. Oxford University Press. New York.
- Kishimoto T, *et al.* Eds. 1997. Leucocyte Typing VI. Garland Publishing Inc. London.
- Yang M, *et al.* 2012. *J Appl Physiol.* 112:204. PubMed.
- Thom SR, *et al.* 2012. *J Appl Physiol* 1268. PubMed.

**Description:** CD66b is a 95-100 kD glycosylphosphatidylinositol (GPI)-linked protein also known as CD67, CGM6 and NCA-95. CD66b is a member of the immunoglobulin superfamily and carcinoembryonic antigen (CEA)-like subfamily. CD66b, expressed on granulocytes, has been reported to induce activation in neutrophils and to be involved in heterophilic adhesion with CD66c.

**Antigen References:**

- Kuijpers T, *et al.* 1993. *J. Immunol.* 151:4934.
- Kuroki M, *et al.* 1992. *J. Leuk. Biol.* 52:551.

Related Products:	Product	Clone	Application
	PerCP/Cy5.5 Mouse IgM, $\kappa$ Isotype Ctrl	MM-30	FC, ICFC
	Cell Staining Buffer		FC, ICC, ICFC
	RBC Lysis Buffer (10X)		FC, ICFC
	Human TruStain FcX™ (Fc Receptor Blocking Solution)		FC, ICC, ICFC



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