

**PE anti-human CD66b**

**Catalog # / Size:** 2125525 / 25 tests  
2125530 / 100 tests

**Clone:** G10F5

**Isotype:** Mouse IgM, κ

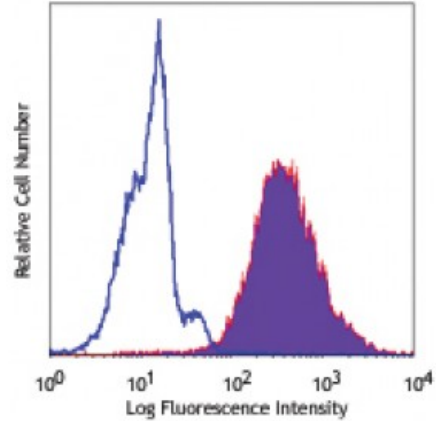
**Reactivity:** Human

**Preparation:** The antibody was purified by affinity chromatography, and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody.

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

**Workshop Number:** VI MA81

**Concentration:** Lot-specific



Human peripheral blood granulocytes stained with G10F5 PE

**Applications:**

**Applications:** Flow Cytometry

**Recommended Usage:** Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. **Test size products are transitioning from 20 microL to 5 microL per test.** Please check your vial or your CoA to find the suggested use of this reagent per million cells in 100 microL staining volume or per 100 microL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

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

**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.
- Norling LV, *et al.* 2012. *Arterioscler Thromb Vasc Biol.* 32:1970. [PubMed](#)
- Meinke P, *et al.* 2015. *Neuroimmunol Discord.* 25:127. [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, 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.