

PE anti-human CD66b

Catalog # / Size: 305105 / 25 tests
305106 / 100 tests

Clone: G10F5

Isotype: Mouse IgM, κ

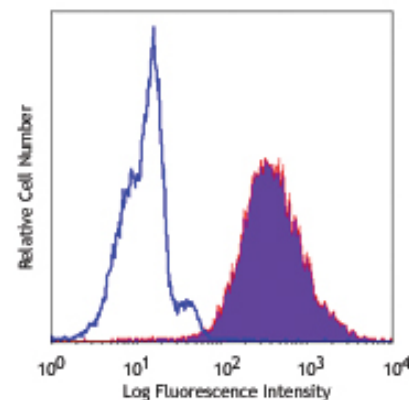
Workshop Number: VI MA81

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

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).

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 PE

Applications:

Applications: FC - Quality tested

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 μ l to 5 μ l per test.** Please check your vial or your CoA to find the suggested use of this reagent per million cells in 100 μ l staining volume or per 100 μ l of whole blood. It is recommended that the reagent be titrated for optimal performance for each application. Read more at www.biolegend.com/testsize regarding the test size change.

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.
- Miramón P, et al. 2012. *PLoS One*. 7:e52850. 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.

Related Products:

Product	Clone	Application
PE Mouse IgM, κ 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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