

Product Data Sheet

Purified anti-human CD66b

Catalog # / Size: 305101 / 25 µg
305102 / 100 µg

Clone: G10F5

Isotype: Mouse IgM, κ

Workshop Number: VI MA81

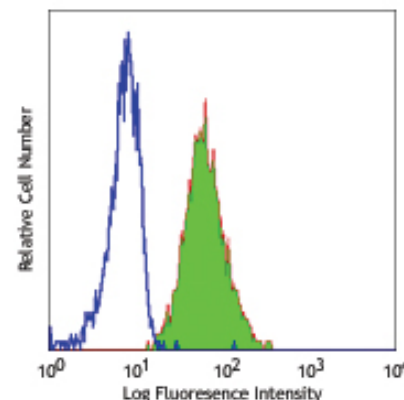
Reactivity: Human, **Cross-Reactivity*:** Chimpanzee

Preparation: This antibody is at >85% purity.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.5 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C.



Human peripheral blood granulocytes stained with purified G10F5, followed by anti-mouse Igs FITC

Applications:

Applications: FC - *Quality tested*
IHC - *Reported in the literature*

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 ≤1.0 µg per million cells in 100 µl volume. 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.

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
APC Goat anti-mouse IgG (minimal x-reactivity)
FITC Goat anti-mouse IgG (minimal x-reactivity)
HRP Goat anti-mouse IgG (minimal x-reactivity)
PE Goat anti-mouse IgG (minimal x-reactivity)
Cell Staining Buffer
RBC Lysis Buffer (10X)
Purified Mouse IgM, κ Isotype Ctrl

Clone
Poly4053
Poly4053
Poly4053
Poly4053

MM-30

Application
FC
FC
ELISA, IHC, WB
FC
FC, ICC, ICFC
FC, ICFC
FC, ICFC, ICC, IF



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