

PE/Dazzle™ 594 anti-human CD66b Recombinant Antibody

Catalog# / Size	396911 / 25 tests 396912 / 100 tests
Clone	QA17A51
Regulatory Status	RUO
Other Names	CD67, CGM6, NCA-95, CEACAM8
Isotype	Mouse IgG1, κ
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.

Product Details

Verified Reactivity	Human
Antibody Type	Recombinant
Host Species	Mouse
Formulation	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and BSA (origin USA)
Preparation	The antibody was purified by affinity chromatography and conjugated with PE/Dazzle™ 594 under optimal conditions.
Concentration	Lot-specific (to obtain lot-specific concentration, please enter the lot number in our Concentration and Expiration Lookup or Certificate of Analysis online tools.)
Storage & Handling	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.
Application	FC - Quality tested
Recommended Usage	Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis . For flow cytometric staining, the suggested use of this reagent is 5 µL per million cells in 100 µL staining volume or 5 µL per 100 µL of whole blood. * PE/Dazzle™ 594 has a maximum excitation of 566 nm and a maximum emission of 610 nm.
Excitation Laser	Blue Laser (488 nm) Green Laser (532 nm)/Yellow-Green Laser (561 nm)
RRID	AB_2820058 (BioLegend Cat. No. 396911) AB_2820059 (BioLegend Cat. No. 396912)

Antigen Details

Distribution	Granulocytes/neutrophils
Function	Cell adhesion, neutrophil activation
Ligand/Receptor	CD66b
Cell Type	Granulocytes
Biology Area	Immunology
Molecular Family	Adhesion Molecules, CD Molecules

Antigen References

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

Gene ID

[1088](#)

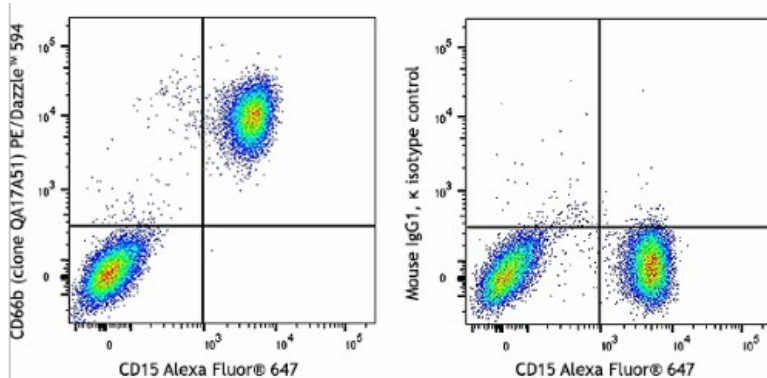
Related Protocols

[Cell Surface Flow Cytometry Staining of Whole Blood](#)

Other Formats

PE anti-human CD66b Recombinant Antibody, Purified anti-human CD66b Recombinant Antibody, APC/Fire™ 750 anti-human CD66b Recombinant Antibody, PE/Dazzle™ 594 anti-human CD66b Recombinant Antibody, PerCP/Cyanine5.5 anti-human CD66b Recombinant Antibody, PE/Cyanine7 anti-human CD66b Recombinant Antibody, APC anti-human CD66b Recombinant Antibody, FITC anti-human CD66b Recombinant Antibody

Product Data



Human peripheral blood was stained with True-Stain Monocyte Blocker™ (Cat. No. 426102), CD15 Alexa Fluor® 647 and CD66b (clone QA17A51) PE/Dazzle™ 594 (left) or, Mouse IgG1, κ PE/Dazzle™ 594 isotype control (right).

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