

Spark PLUS B550™ anti-human CD66b Recombinant Antibody

Catalog# / Size	396917 / 25 tests 396918 / 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 Spark PLUS B550™ under optimal conditions.
Concentration	Lot-specific (to obtain lot-specific concentration and expiration, please enter the lot number in our Certificate of Analysis online tool.)
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. It is recommended that the reagent be titrated for optimal performance for each application. * Spark PLUS B550™ has a maximum excitation of 516 nm and a maximum emission of 540 nm.
Excitation Laser	Blue Laser (488 nm)
RRID	AB_3683452 (BioLegend Cat. No. 396917) AB_3683452 (BioLegend Cat. No. 396918)

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

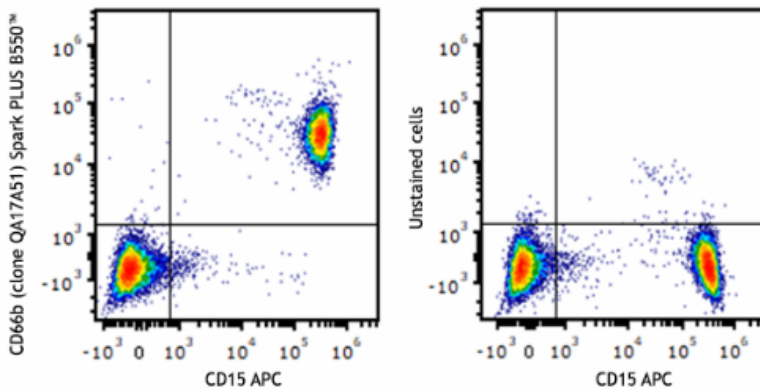
1. Kuijpers T, *et al.* 1993. *J. Immunol.* 151:4934
2. Kuroki M, *et al.* 1992. *J. Leuk. Biol.* 52:551

Gene ID[1088](#)**Related Protocols**

- [Cell Surface Flow Cytometry Staining Protocol](#)

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, Spark PLUS B550™ anti-human CD66b Recombinant Antibody

Product Data

Human peripheral blood was stained with anti-human CD15 (clone W6D3) APC and anti-human CD66b recombinant (clone QA17A51) Spark PLUS B550™ (left) or stained with anti-human CD15 (clone W6D3) APC (right) only. Data shown are gated on the monocyte and granulocytes populations.

For Research Use Only. Not for diagnostic or therapeutic use.

This product is supplied subject to the terms and conditions, including the limited license, located at www.biolegend.com/terms ("Terms") and may be used only as provided in the Terms. Without limiting the foregoing, BioLegend products may not be used for any Commercial Purpose as defined in the Terms, resold in any form, used in manufacturing, or reverse engineered, sequenced, or otherwise studied or used to learn its design or composition without express written approval of BioLegend. Regardless of the information given in this document, user is solely responsible for determining any license requirements necessary for user's intended use and assumes all risk and liability arising from use of the product. BioLegend is not responsible for patent infringement or any other risks or liabilities whatsoever resulting from the use of its products.

BioLegend, the BioLegend logo, and all other trademarks are property of BioLegend, Inc. or their respective owners, and all rights are reserved.

8999 BioLegend Way, San Diego, CA 92121 www.biolegend.com
Toll-Free Phone: 1-877-Bio-Legend (246-5343) Phone: (858) 768-5800 Fax: (877) 455-9587