

## FITC anti-human CD66b Recombinant Antibody

<b>Catalog# / Size</b>	396915 / 25 tests 396916 / 100 tests
<b>Clone</b>	QA17A51
<b>Regulatory Status</b>	RUO
<b>Other Names</b>	CD67, CGM6, NCA-95, CEACAM8
<b>Isotype</b>	Mouse IgG1, $\kappa$
<b>Description</b>	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

---

<b>Verified Reactivity</b>	Human
<b>Antibody Type</b>	Recombinant
<b>Host Species</b>	Mouse
<b>Formulation</b>	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and BSA (origin USA)
<b>Preparation</b>	The antibody was purified by affinity chromatography and conjugated with FITC under optimal conditions.
<b>Concentration</b>	Lot-specific (to obtain lot-specific concentration, please enter the lot number in our <a href="#">Concentration and Expiration Lookup</a> or <a href="#">Certificate of Analysis</a> online tools.)
<b>Storage &amp; Handling</b>	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. <b>Do not freeze</b> .
<b>Application</b>	<a href="#">FC - Quality tested</a>
<b>Recommended Usage</b>	Each lot of this antibody is quality control tested by <a href="#">immunofluorescent staining with flow cytometric analysis</a> . For flow cytometric staining, the suggested use of this reagent is 5 $\mu$ L per million cells in 100 $\mu$ L staining volume or 5 $\mu$ L per 100 $\mu$ L of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.
<b>Excitation Laser</b>	Blue Laser (488 nm)
<b>RRID</b>	AB_2904419 (BioLegend Cat. No. 396915) AB_2904419 (BioLegend Cat. No. 396916)

### Antigen Details

---

<b>Distribution</b>	Granulocytes/neutrophils
<b>Function</b>	Cell adhesion, neutrophil activation
<b>Ligand/Receptor</b>	CD66b
<b>Cell Type</b>	Granulocytes
<b>Biology Area</b>	Immunology
<b>Molecular Family</b>	Adhesion Molecules, CD Molecules
<b>Antigen References</b>	1. Kuijpers T, <i>et al.</i> 1993. <i>J. Immunol.</i> 151:4934

Gene ID [1088](#)

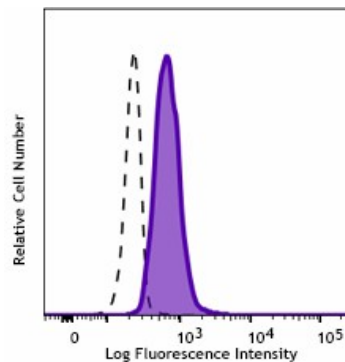
## Related Protocols

[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

## Product Data



Human peripheral blood granulocytes were stained with anti-human CD66b recombinant (clone QA17A51) FITC (filled histogram) or mouse IgG1, κ FITC isotype control (open histogram).

For research use only. Not for diagnostic use. Not for resale. BioLegend will not be held responsible for patent infringement or other violations that may occur with the use of our products.

\*These products may be covered by one or more Limited Use Label Licenses (see the BioLegend Catalog or our website, [www.biolegend.com/ordering#license](http://www.biolegend.com/ordering#license)). BioLegend products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products, reverse engineer functionally similar materials, or to provide a service to third parties without written approval of BioLegend. By use of these products you accept the terms and conditions of all applicable Limited Use Label Licenses. Unless otherwise indicated, these products are for research use only and are not intended for human or animal diagnostic, therapeutic or commercial use.

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