

A Reliable Research Partner in Life Science and Medicine

PE/Cyanine7 Anti-Human CD66b Antibody[G10F5]

Catalog Number: E-AB-F1267H

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human

Host Mouse

Isotype Mouse IgM, κ

Clone No. G10F5

Isotype Control PE/Cyanine7 Mouse IgM, κ Isotype Control[MM-30] [Product E-AB-F09782H]

Conjugation PE/Cyanine 7

Conjugation Information PE/Cyanine7 is designed to be excited by the Blue (488 nm), Green (532 nm) and

yellow-green (561 nm) lasers and detected using an optical filter centered near 775 nm

(e.g., a 780/60 nm bandpass filter).

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

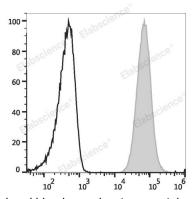
Applications Recommended usage

FCM Each lot of this antibody is quality control tested by flow cytometric analysis. The amount

of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for

individual use.

Data



Human peripheral blood granulocytes are stained with PE/Cyanine7 Anti-Human CD66b Antibody (filled gray histogram) or PE/Cyanine7 Mouse IgM, κ Isotype Control (empty black histogram).

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8 $^{\circ}\text{C}$ for 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping lce bag

Antigen Information

Alternate Names CD66b;CD67;CD67 Antigen;CEACAM;CEACAM8;CGM;CGM6;Carcinoembryonic

Antigen CGM;Carcinoembryonic Antigen CGM6;Carcinoembryonic antigen-related cell adhesion molecule 8;NCA;NCA-95;Non-Specific Cross-Reacting Antigen NCA

For Research Use Only

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 Uniprot ID
 P31997

 Gene ID
 1088

Background 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.

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