

Elab Fluor® 700 Anti-Human CD66b Antibody[G10F5]

Catalog Number: GFH1267M1

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	Elab Fluor® 700 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792M1]
Conjugation	Elab Fluor® 700
Conjugation Information	Elab Fluor® 700 is designed to be excited by the Red laser (627-640 nm) and detected using an optical filter centered near 719 nm (e.g., a 725/40 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide.

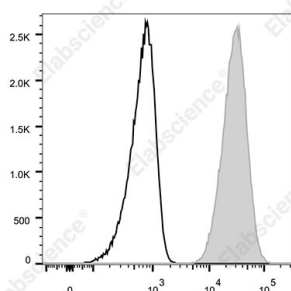
Applications

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 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood).** Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Data



Staining of normal human peripheral blood cells with Elab Fluor® 700 Anti-Human CD66b Antibody[G10F5](filled gray histogram) or Elab Fluor® 700 Mouse IgM, κ Isotype Control(empty black histogram). Cells in the granulocytes gate were used for analysis.

Preparation & Storage

Storage	Keep as concentrated solution. This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.
Shipping	Ice 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
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For Research Use Only

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.