APC Anti-Human CD66b Antibody[G10F5]

Catalog Number: E-AB-F1267E

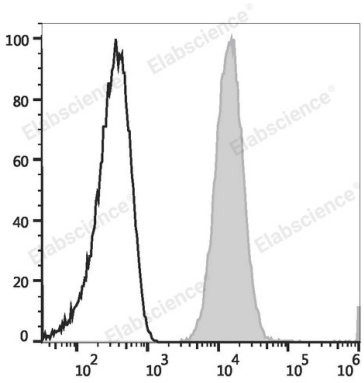
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Host	Mouse
Isotype	Mouse IgM, κ
Clone No.	G10F5
Isotype Control	APC Mouse IgM, κ Isotype Control[MM-30] [Product E-AB-F09782E]
Conjugation	APC
Conjugation Information	APC is designed to be excited by the Red (627-640 nm) laser and detected using an optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide and 1% BSA.

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



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

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
Uniprot ID	P31997
Gene ID	1088

For Research Use Only

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.