Purified Anti-Human CD66b Antibody[G10F5]

catalog number: **E-AB-F1267A**

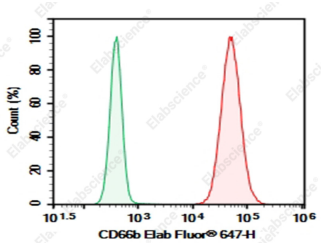
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant Human CD66b protein
Host	Mouse
Isotype	Mouse IgM, κ
Clone	G10F5
Purification	>98%, Protein A/G purified
Conjugation	Unconjugated
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

Applications	Recommended Dilution
FCM	≤ 0.2 μg per million cells in 100 μL volume

Data



Human peripheral blood granulocytes cell were stained with 0.2 μg Purified Anti-Human CD66b Antibody[G10F5] (Right) and 0.2 μg Mouse IgM, κ Isotype Control (Left), followed by Elab Fluor® 647-conjugated Goat Anti-Mouse IgM Secondary Antibody

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze/thaw cycles.
Shipping	Ice bag

Background

Carcinoembryonic Antigen-Related Cell Adhesion Molecule 8 (CEACAM8) is a single chain, GPI-anchored, highly glycosylated protein which belongs to the immunoglobulin superfamily and the carcinoembryonic antigen(CEA) family. CEACAM8 is expressed by neutrophils and eosinophils, and serves as a binding partner for CEACAM-6 and Galectin-3. It contains two Ig-like C2-type (immunoglobulin-like) domains and one Ig-like V-type (immunoglobulin-like) domain. Mature human CEACAM8 is a 287 amino acid GPI-linked glycoprotein. CEACAM family members are a set of widely expressed proteins involved in several biological functions, including cell adhesion, migRation, signal transduction, and the regulation of gene expression. Abnormal overexpression and downregulation of some CEACAMs have been described in tumor cells.

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