



Datasheet for ABIN6253065
anti-CEACAM8 antibody (iFluor™647)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 tests
Target:	CEACAM8
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CEACAM8 antibody is conjugated to iFluor™647
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Human Peripheral Blood Cells
Clone:	G10F5
Isotype:	IgM kappa
Characteristics:	G10F5 recognizes 95-100 kD glycosylphosphatidylinositol (GPI)-linked protein known as CD66b. CD66b is a member of carcinoembryonic antigen (CEA)-like subfamily of the immunoglobulin superfamily and considered as a non-specific cross-reacting antigens (NCA) which is increased in granulocytes after in vitro stimulation with Ca ²⁺ , PMA. It is mostly expressed on granulocytes and causes activation of neutrophils through reacting heterophilic adhesion with CD66c. Research findings suggest CD66b is useful in the study of various normal and pathological conditions, including: cancer, embryonic development, bacterial infection, viral infection, inflammation, pregnancy, bile transport, cell adhesion, etc.
Purification:	Purified

Product Details

Purity: >95 %

Grade: GMP Grade

Target Details

Target: CEACAM8

Alternative Name: CD66b ([CEACAM8 Products](#))

Background: G10F5 recognizes 95-100 kD glycosylphosphatidylinositol (GPI)-linked protein known as CD66b. CD66b is a member of carcinoembryonic antigen (CEA)-like subfamily of the immunoglobulin superfamily and considered as a non-specific cross-reacting antigens (NCA) which is increased in granulocytes after in vitro stimulation with Ca²⁺, PMA. It is mostly expressed on granulocytes and causes activation of neutrophils through reacting heterophilic adhesion with CD66c. Research findings suggest CD66b is useful in the study of various normal and pathological conditions, including: cancer, embryonic development, bacterial infection, viral infection, inflammation, pregnancy, bile transport, cell adhesion, etc.

UniProt: [P31997](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

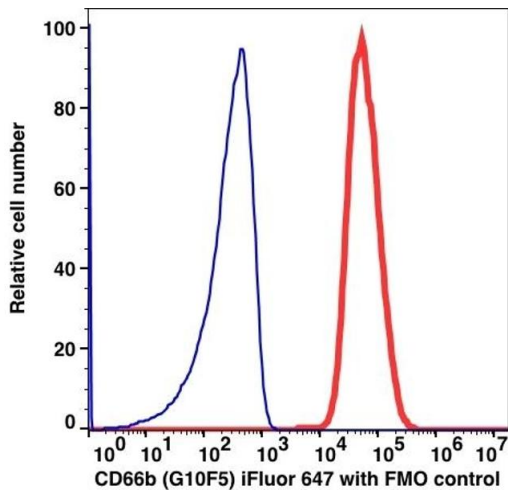
Format: Liquid

Buffer: PBS pH 7.2, 0.2 % (w/v) BSA, 0.09 % (w/v) sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C



Flow Cytometry

Image 1.

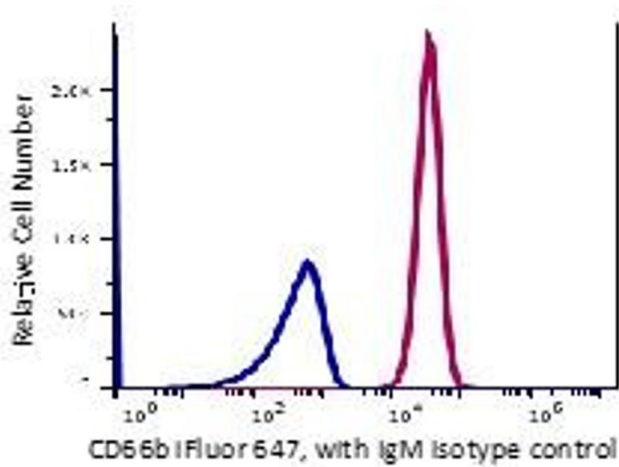


Image 2. Granulocytes gated RBC lysed blood stained with iFluor647 conjugated anti-human CD66b (clone GIOF5) (red histogram)_ Granulocytes gated RBC lysed blood stained with similar conjugated mouse IgM isotype control (Blue histogram)_ The data are generated by BD Accuri C6 Flow Cytometer and analyzed by FlowJo software.