PE/Cyanine5.5 Anti-Human CD33 Antibody [6C5]

Catalog Number: E-AB-F1083I

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

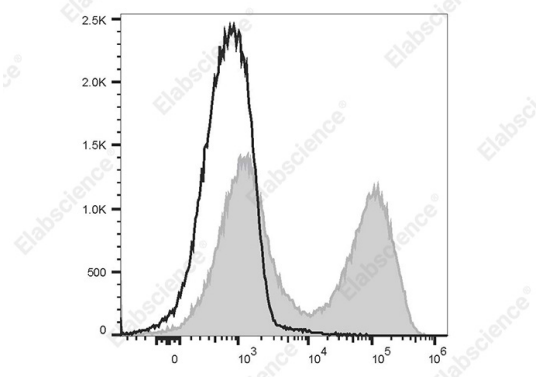
Description

Reactivity	Human
Host	Mouse
Isotype	Mouse IgG1, κ
Clone No.	6C5
Isotype Control	PE/Cyanine5.5 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792I]
Conjugation	PE/Cyanine 5.5
Conjugation Information	PE/Cyanine 5.5 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 690 nm (e.g., a 690/50 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 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 are stained with PE/Cyanine 5.5 Anti-Human CD33 Antibody (filled gray histogram). Cells in the monocyte gate were used for analysis. Unstained cells (empty black histogram) are used as control.

Preparation & Storage

Storage	Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze.
Shipping	Ice bag

Antigen Information

Alternate Names	Myeloid cell surface antigen CD33,CD33,Sialic acid-binding Ig-like lectin 3,Siglec-3, gp67,SIGLEC3;AB-F1083I;F1083I;F1083;E-AB-F1333
Uniprot ID	P20138

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Gene ID	945
Background	CD33 is a 67 kD type I transmembrane glycoprotein also known as Siglec-3, gp67, and p67. It is a sialoadhesion immunoglobulin superfamily member expressed on myeloid progenitors, monocytes, granulocytes, dendritic cells and mast cells. CD33 is absent on normal platelets, lymphocytes, erythrocytes and hematopoietic stem cells. CD33 functions as a sialic acid-dependent cell adhesion molecule with carbohydrate/lectin binding activity.

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