

PE Anti-Human CD33 Antibody[HI33a]

Catalog Number: AN00828D

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

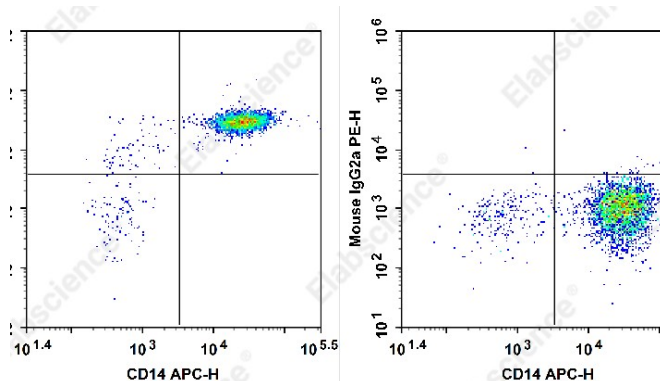
Description

Reactivity	Human
Host	Mouse
Isotype	Mouse IgG2a, κ
Clone No.	HI33a
Isotype Control	PE Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802D]
Conjugation	PE
Conjugation Information	PE 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 575 nm (e.g., a 585/42 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications

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 APC Anti-Human/Monkey CD14 Antibody and PE Anti-Human CD33 Antibody[HI33a] (left) or PE Mouse IgG2a, κ Isotype Control (right). Cells in the Monocyte gate were used for analysis.

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	CD33;SIGLEC-3;SIGLEC3;p67;CD33 molecule;gp67;Myeloid cell surface antigen CD33;Sialic acid-binding Ig-like lectin 3;Siglec-3;CD33 molecule;p67;SIGLEC3
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Rev. V1.2

Uniprot ID
Background

P20138

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.