

## FITC Anti-Human CD33 Antibody[6C5]

**Catalog Number:** E-AB-F1083C

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

### Description

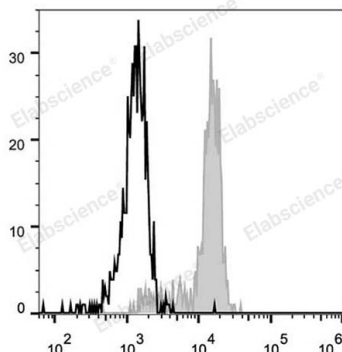
<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG1, $\kappa$
<b>Clone No.</b>	6C5
<b>Isotype Control</b>	FITC Mouse IgG1, $\kappa$ Isotype Control[MOPC-21] [Product E-AB-F09792C]
<b>Conjugation</b>	FITC
<b>Conjugation Information</b>	FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical filter centered near 530 nm (e.g., a 525/40 nm bandpass filter).
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

### Applications

### Recommended usage

<b>FCM</b>	Each lot of this antibody is quality control tested by flow cytometric analysis. <b>The amount of the reagent is suggested to be used 5 <math>\mu</math>L of antibody per test (million cells in 100 <math>\mu</math>L staining volume or per 100 <math>\mu</math>L of whole blood).</b> Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
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### Data



Staining of normal human peripheral blood cells with FITC Anti-Human CD33 Antibody[6C5] (filled gray histogram) or FITC Mouse IgG1,  $\kappa$  Isotype Control (empty black histogram). Cells in the lymphocytes gate were used for analysis.

### Preparation & Storage

<b>Storage</b>	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.
<b>Shipping</b>	Ice bag

### Antigen Information

<b>Alternate Names</b>	CD33; Myeloid cell surface antigen CD33; SIGLEC3; Sialic acid-binding Ig-like lectin 3; Siglec-3; gp67
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### For Research Use Only

**Uniprot ID**

P20138

**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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