# DEVELOP

**Manufacturer/Supplier:**

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**Product name:**  Anti-Human CD33 Monoclonal Antibody(PE/Cyanine7 Conjugated)

**Catalog:**  DL20975F

**Synonyms:**  Myeloid cell surface antigen CD33,CD33,Sialic acid-binding Ig-like lectin 3,Siglec-3,gp67,SIGLEC3

**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.

**Form:** Liquid                    **Isotype:** Mouse IgG1, κ

**Size:**                           **Host:** Mouse
20Tests/100Tests/100Tests×2

**Reactivity:** Human               **Application:** FCM

**Concentration:** 5 μL             **Conjugation:** PE/Cyanine7

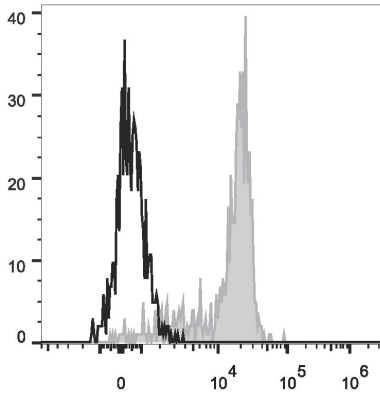**SwissProt:**        P20138

**Buffer:**           Phosphate buffered solution, pH 7.2, containing
                      0.09% stabilizer and 1% protein protectant.

## Recommended Use:

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 monocytes are stained   with Anti-Human CD33 Monoclonal Antibody(PE/Cyanine7 Conjugated)(filled gray histogram). Unstained monocytes (empty black histogram) are used as control.

## Storage:

Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.