

**Manufacturer/Supplier:**

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**Product name:** Anti-Human CD33 Monoclonal Antibody(AF488  
Conjugated)

**Catalog:** DL20978F

**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,  $\kappa$

**Size:**

20Tests/100Tests/100Tests $\times$ 2

**Host:** Mouse

**Reactivity:** Human

**Application:** FCM

**Concentration:** 5  $\mu$ L

**Conjugation:** AF488

**SwissProt:** P20138

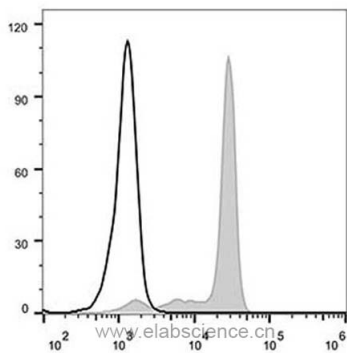
**Buffer:** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

### 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  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L 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 (AF488 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.