

## PE Anti-Human CD33 Monoclonal Antibody



天津三箭生物技术股份有限公司  
Tianjin Sungene Biotech Co., Ltd.  
精准 高效 稳定 Precision Efficient Stable

Catalog Number	Vial Size
H20331-09G	25 tests
H20331-09H	100 tests

**Market** | 400-621-0003  
marketing@sungenebiotech.com

**Support** | 022-66211636-8024  
techsupport@sungenebiotech.com

**Web** | www.sungenebiotech.com

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.  
This product is guaranteed up to one year from purchase.

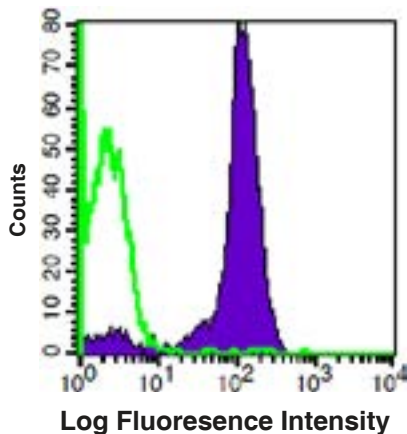
### Purified Antibody Characterization

Clone	Isotype	Reactivity
HIM3-4	Mouse IgG1	Human

### Description

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.

### Illustration of Immunofluorescent Staining



Human peripheral blood monocytes  
stained with PE anti-human CD33

### Product Information

**Conjugation:** PE

**Formulation:** PBS pH 7.2, 0.09% NaN<sub>3</sub>,  
0.2% BSA

**Storage:** Keep as concentrated solution.  
Store at 4°C and protected from prolonged  
exposure to light. **Do not freeze.**

**Application:** Recommended Application:FC

**Usage:** Each lot of this antibody is quality  
control tested by immunofluorescent staining  
with flow cytometric analysis (The amount  
of the reagent is suggested to be used from  
20 μL to 5 μL per 100 μL of peripheral blood.  
Please check your vial). Since applications  
vary, the appropriate dilutions must be  
determined for individual use.

### References

- [1] Favaloro E, et al. 1988. Br. J. Haematol. 69:163.
- [2] Freeman S, et al. 1995. Blood 85:2005.
- [3] Schlossman S, et al. Eds. 1995. Leucocyte Typing V. Oxford University Press. New York.

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