

Purified anti-human CD33

Catalog # / Size: 303301 / 25 µg
303302 / 100 µg

Clone: HIM3-4

Isotype: Mouse IgG1, κ

Workshop Number: V MA112

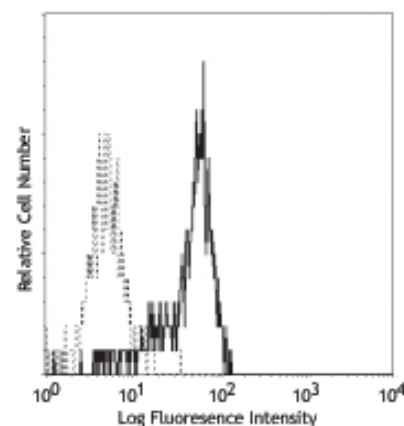
Reactivity: Human, **Cross-Reactivity*:** Chimpanzee

Preparation: The antibody was purified by affinity chromatography.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.5 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C.



Human peripheral blood monocytes
stained with HIM3-4 FITC

Applications:

Applications: FC - *Quality tested*

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤2.0 µg per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Application References: 1. Schlossman S, *et al.* Eds. 1995. Leucocyte Typing V. Oxford University Press. New York.

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.

Antigen References: 1. Favaloro E, *et al.* 1988. *Br. J. Haematol.* 69:163.
2. Freeman S, *et al.* 1995. *Blood* 85:2005.

Related Products:

Product
Purified anti-human CD15 (SSEA-1)

Purified anti-human CD14

Purified anti-human CD13

Purified anti-human CD33

Purified Mouse IgG1, κ Isotype Ctrl

APC Goat anti-mouse IgG (minimal x-reactivity)

Biotin Goat anti-mouse IgG (minimal x-reactivity)

PE Goat anti-mouse IgG (minimal x-reactivity)

Cell Staining Buffer

RBC Lysis Buffer (10X)

Clone

HI98

M5E2

WM15

WM53

MOPC-21

Poly4053

Poly4053

Poly4053

Application

FC, IHC

FC, IHC, IF, CyTOF®

FC, IHC

FC, IP, WB, CyTOF®

FC, ICFC, ICC, IF, IHC, IP, WB

FC

FC, ELISA, IHC, IF, WB

FC

FC, ICC, ICFC

FC, ICFC



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