

Product Information

Contents: Fluorescein isothiocyanate (FITC) anti-human CD33

Catalog Number: 11-0339

Sizes: 25 tests, 100 tests

Formulation: Phosphate buffer pH 7.2,
150 mM NaCl, 0.09% NaN₃, 0.2% BSA

Storage Conditions: Store at 4°C.

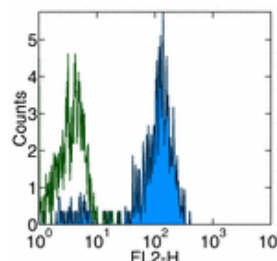
DO NOT FREEZE.

LIGHT-SENSITIVE MATERIAL.

Clone: HIM3-4

Isotype: Mouse IgG1, κ

HLDA No.: V MA112



Surface staining of normal human peripheral blood cells with anti-human CD33 (HIM3-4) PE. Appropriate isotype controls were used (open histogram). Cells in the monocyte population were used for analysis.

Available Formats of This Product

Cat. No.	Format	Excite (nm)	Emit (nm)	Reported Applications
11-0339	FITC anti-human CD33	488	518	FC
12-0339	PE anti-human CD33	488	575	FC
14-0339	Affinity Purified anti-human CD33	N/A	N/A	FC
15-0339	PE-Cy5 anti-human CD33	488	670	FC

Description

The HIM3-4 monoclonal antibody reacts with human CD33, a 67 kDa member of the sialoadhesion family. CD33 is expressed by myelomonocytic precursors, monocytes, mast cells, and granulocytes. Hematopoietic stem cells and lymphocytes do not express this antigen. CD33 plays a role in sialic-acid dependent cell adhesion.

Usage

For research use only, not for diagnostic or therapeutic use. The HIM3-4 antibody has been reported for use in flow cytometric analysis.

Applications Tested

The HIM3-4 antibody has been pre-titrated and tested by flow cytometric analysis of human peripheral blood leukocytes. This can be used at 20 µl per 100 µl blood (or per 1 million cells in 100 µl total staining volume).

Related Products

- Cat. 11-0338 FITC anti-human CD33 (clone WM-53 (WM53))
- Cat. 12-0338 PE anti-human CD33 (clone WM-53 (WM53))
- Cat. 14-0338 Affinity Purified anti-human CD33 (clone WM-53 (WM53))
- Cat. 15-0338 Phycoerythrin-Cy5 (PE-Cy5) anti-human CD33 (clone WM-53 (WM53))
- Cat. 12-0339 PE anti-human CD33 (clone HIM3-4)
- Cat. 14-0339 Affinity Purified anti-human CD33 (clone HIM3-4)
- Cat. 15-0339 PE-Cy5 anti-human CD33 (clone HIM3-4)
- Cat. 11-4714 Fluorescein isothiocyanate (FITC) Mouse IgG1, K Isotype Control

References

Knapp, W., B. Dorken, et al. eds. (1989). Leucocyte Typing IV: White Cell Differentiation Antigens. Oxford University Press. New

York.
Schlossman, S., L. Bloumsell, et al. eds (1995). Leucocyte Typing V: White Cell Differentiation Antigens. Oxford University Press.
New York.

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