CD33 (HIM3-4) Antibody

Subcategory: Mouse Monoclonal Antibody, PE-conjugated Antibody
Cat. No.: 251071
Unit: 2 ml

Description:
The CD33 (HIM3-4) antibody recognizes a 67-kDa type-I transmembrane glycoprotein, a cell adhesion molecule expressed mainly on monocytes, granulocytes (weakly), myeloid progenitors and mast cells, but not on lymphocytes, platelets, erythrocytes and hematopoietic stem cells. CD33 antigen is a useful marker for the diagnosis of non lymphoblastic leukemias and also for distinguishing myelogenous leukemia cells from lymphoid leukemia cells. The CD33 antigen is early expressed in the cytoplasm (cyCD33) and then on the cell membrane (mCD33) of the myeloblasts.

Isotype: mouse IgG1
Applications: FC
Species Reactivity: H
Format: Each vial contains 2 ml IgG (100 tests) in PBS pH7.4, 0.1% BSA with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.
Alternate Names: CD33; Myeloid cell surface antigen CD33; Sialic acid-binding Ig-like lectin 3; Siglec-3; gp67; SIGLEC3
Accession No.: P20138

Application Notes: FC with whole blood: 100 ?l blood + 20 ?l antibody; FC with cells: 10E6 cells + 20 ?l antibody. FC: 1:200-1:1,000

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

Product Citations: She M., et al. 1994 J. Monoclonal Ab. 10(3) :18; Schlossman S. et al., eds. 1995. Leucocyte Typing V: White Cell Differentiation Antigens. P246, Oxford University Press, New York; Tadamitsu K. et al., eds. 1997. Leucocyte Typing VI: White Cell Differentiation Antigens. P49-52, 113-114 Garland Publishing, Inc., New York.

For research use only, not for diagnostic or therapeutic procedures.