
CD33 (HIM3-4) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250959

Unit: 0.1 mg

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: E, FC, IHC

Species Reactivity: H

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 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: Purified antibody is suitable for immunohistochemistry with acetone-fixed frozen sections. E: 1:500-1:1,000; FC: 1:200-1:1,000; IHC: 1:200-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

Product Citations: [1] She M. et al. 1994 J. Monoclonal Ab. 10(3) :18. [2] Schlossman S et al. eds. 1995. Leucocyte Typing V: White Cell Differentiation Antigens. P246, Oxford University Press, New York. [3] Tadamitsu K et al. eds. 1997. Leucocyte Typing VI: White Cell Differentiation Antigens. P49-52, 113-114 Garland Publishing, Inc., New York.

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