

CD33 (2B7C) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252815

Unit: 0.1 ml

Description:

CD33 is a 67kDa type-I transmembrane glycoprotein. It is 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, WB

Species Reactivity: H

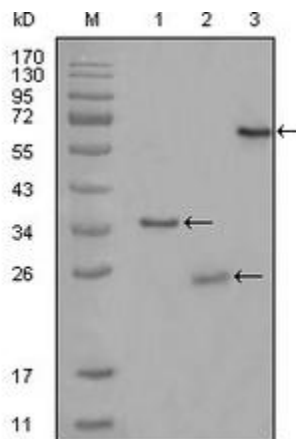
Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: CD33; Myeloid cell surface antigen CD33; Sialic acid-binding Ig-like lectin 3; Siglec-3; gp67; SIGLEC3

Accession No.: P20138

Antigen: Purified recombinant fragment of CD33 (aa48-258) expressed in *E. coli*.

Application Notes: E: 1:5,000-10,000; WB: 1:500-1:2000



Western blot analysis using CD33 (2B7C) Antibody (Cat. No. 252815) against truncated Trx-CD33 recombinant protein (lane 1), truncated CD33 (aa48-258)-His recombinant protein (lane 2), and truncated CD33 (aa18-259)-hlgGfc transfected CHO-K1 cell lysate (lane 3).

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

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