



Peninsula Laboratories, LLC

A Member of the Bachem Group

305 Old County Road, San Carlos, CA 94070

Tel: (800) 922-1516 • (650) 592-5392

Fax: (650) 595-4071

www.bachem.com

Monoclonal Antibody To Human CD33 p67

CD33 is a 67kDa single chain transmembrane glycoprotein that belongs to the sialoadhesin family. The antibody is valuable for distinguishing acute myeloid from lymphoblastic leukaemias. CD33 is expressed on monocytes in peripheral blood. In the bone marrow, the CD33 antigen is found on granulocyte and macrophage precursors, and is absent from pluripotent stem cells.

Product Number:	T-1057
Clone:	906 (MY9)
Host species, isotype:	Mouse IgG2b
Quantity:	200µg
Format:	Affinity purified, lyophilized Reconstitute by adding 0.5ml distilled water. This stock solution contains 0.4mg/ml IgG, phosphate buffered saline pH 7.2 (PBS), 10mg/ml bovine serum albumin (BSA) as a stabilizer and 0.1% sodium azide as a preservative.
Stability:	Original vial: 1 year at 4° - 8°C Stock solution or aliquots thereof: 1 year at -20°C. Avoid repeated thawing and freezing.
Applications:	Tested for immunohistochemistry (IHC); has been described to work in FACS and immunoprecipitation. Approximate working dilution for IHC: Frozen sections: 4µg/ml (1:100) Paraffin sections: does not react on routinely processed paraffin sections. Optimal dilutions should be determined by the end user. Suggested positive control: Human tonsil. Antigen, epitope: The antigen is CD33, epitope not further characterized.

Selected references

Peiper S.C. et al.: Blood **72**, 314-21 (1988)

Leong A.S.Y.: Appl. Immunohistochem. Surg. Pathol. 120-28 (1993).

For in vitro research only. Caution: this product contains sodium azide, a poisonous and hazardous substance.