



CD33

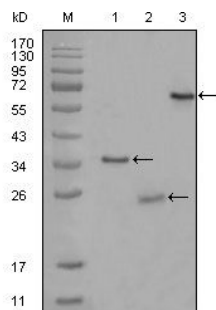
Mouse monoclonal Antibody

#54037

Catalog Number: 54037**Amount:** 100µg/100µl**Swiss-Prot No. :** P20138**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human CD33 protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of CD33 and does not cross-react with related proteins**Reactivity:** Human**Applications:**

Predicted MW: 39kd

WB: 1:500-2000



Western blot analysis using CD33 mouse mAb against truncated Trx-CD33 recombinant protein (1), truncated CD33 (aa48-258)-His recombinant protein (2) and truncated CD33 (aa18-259)-hlgGfc transfected CHO-K1 cell lysate (3).

Background:

CD33 is found on granulocyte and macrophage precursors in the bone marrow, but is not on pluripotent stem cells. The protein is also expressed on, and is a useful marker for, peripheral monocytes. It is also useful for distinguishing myelogenous leukaemia cells from lymphoid or erythroid leukaemias.