

CD33 Ab

[Images\(1\)](#)

Cat.#: BF0104	Concn.: ~1mg/ml	Mol.Wt.: 39kDa
Size:	Source: Mouse	Clonality: Monoclonal

Application:	ELISA 1:10000, WB 1:500-1:2000 *The optimal dilutions should be determined by the end user.
Reactivity:	Human
Storage:	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.
Purification:	Affinity-chromatography.
Immunogen:	Purified recombinant fragment of human CD33 expressed in E. Coli.
Uniprot:	P20138
Description:	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.

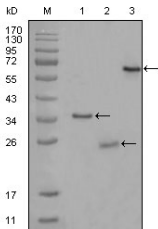


Figure 1: Western blot analysis using CD33 mouse mAb against truncated Trx-CD33 recombinant protein (1), truncated CD33 (aa48-258)-His recombinant protein (2) and truncated CD33 (aa18-259)-hIgGFc transfected CHO-K1 cell lysates (3).

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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