

## Mouse Monoclonal Antibody to CD33

Catalogue Number	sAP-0215
Target Molecule	<b>Name: CD33</b> <b>Aliases:</b> p67; SIGLEC3 <b>MW:</b> N/A <b>Entrez Gene ID:</b> 945
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.
Immunogen	Purified recombinant fragment of CD33 (48-258) expressed in E. Coli.
Reactive Species	Human
Clone	MM2B7C12;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Exp Hematol. 2005 Feb;33(2):199-211. ; 2. Cancer. 2008 Feb 1;112(3):572-80.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**