

## CD33

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**40kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human CD33

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

FLJ00391; SIGLEC-3; SIGLEC3; p67;

**Catalog #:**A2059

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**945

**Isotype:**IgG

**Swiss Prot:**P20138

**Purity:**Affinity purification

For research use only.

**Background:**

CD33 is a type I transmembrane glycoprotein that is found on granulocyte and macrophage precursors in the bone marrow, but is absent from pluripotent stem cells. CD33 is also expressed on monocytes in peripheral blood. It is used as a marker to distinguish myelogenous leukemia cells from lymphoid or erythroid leukemias. CD33 may function as a sialic acid-dependent cell adhesion molecule.

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