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Datasheet for ABIN7160470  
**anti-CD33 antibody (AA 49-259)**

2 Images

Overview

Quantity:	100 µL
Target:	CD33
Binding Specificity:	AA 49-259
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD33 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Myeloid cell surface antigen CD33 protein (49-259AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	CD33
Alternative Name:	CD33 ( <a href="#">CD33 Products</a> )
Background:	Background: Putative adhesion molecule of myelomonocytic-derived cells that mediates sialic-acid dependent binding to cells. Preferentially binds to alpha-2,6-linked sialic acid. The sialic

## Target Details

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acid recognition site may be masked by cis interactions with sialic acids on the same cell surface. In the immune response, may act as an inhibitory receptor upon ligand induced tyrosine phosphorylation by recruiting cytoplasmic phosphatase(s) via their SH2 domain(s) that block signal transduction through dephosphorylation of signaling molecules. Induces apoptosis in acute myeloid leukemia.

Aliases: CD 33 antibody, CD33 antibody, CD33 antigen (gp67) antibody, CD33 antigen antibody, CD33 Molecule antibody, CD33\_HUMAN antibody, FLJ00391 antibody, gp67 antibody, My9 antibody, Myeloid cell surface antigen CD33 antibody, Myeloid cell surface antigen CD33 precursor antibody, Myeloid differentiation antigen CD33 antibody, p67 antibody, Sialic acid binding Ig like lectin 3 antibody, Sialic acid binding immunoglobulin like lectin 3 antibody, Sialic acid-binding Ig-like lectin 3 antibody, SIGLEC 3 antibody, Siglec-3 antibody, SIGLEC3 antibody

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UniProt: [P20138](#)

## Application Details

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Application Notes: Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

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Format: Liquid

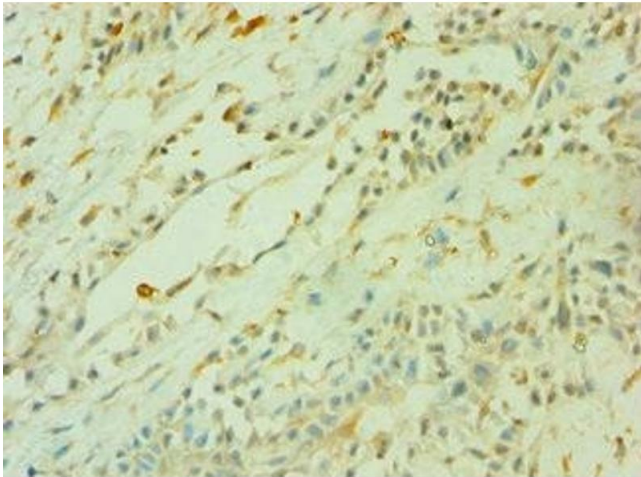
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

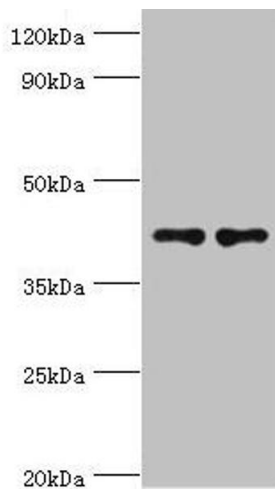
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human breast cancer using ABIN7160470 at dilution of 1:100



### Western Blotting

**Image 2.** Western blot All lanes: CD33 antibody at 8  $\mu$ g/mL  
Lane 1: K562 whole cell lysate Lane 2: HepG2 whole cell lysate  
Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution  
Predicted band size: 40, 34, 26 kDa Observed band size: 40 kDa