

Datasheet for ABIN7160466
anti-CD33 antibody (AA 18-259)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	CD33
Binding Specificity:	AA 18-259
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 (18-259AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CD33
Alternative Name:	CD33 (CD33 Products)
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

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 (in vitro).

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

UniProt: [P20138](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

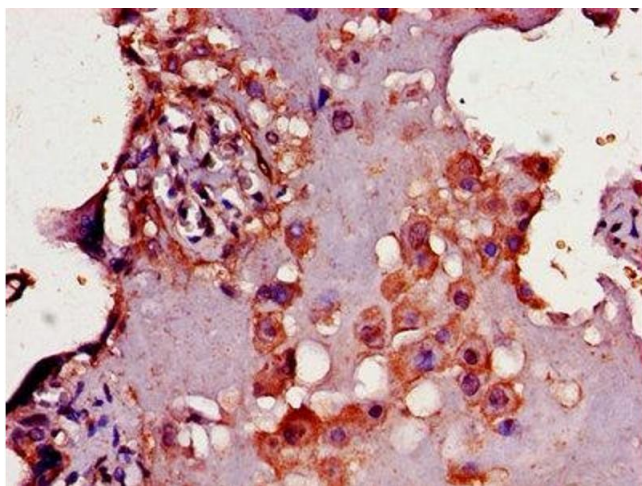
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

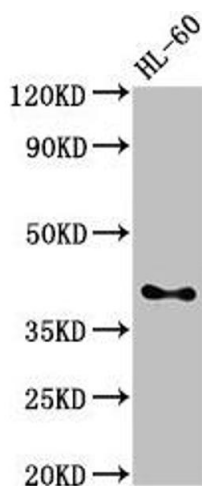
Storage: -20 °C,-80 °C

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



Immunohistochemistry

Image 1. IHC image of ABIN7160466 diluted at 1:300 and staining in paraffin-embedded human placenta tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western Blot Positive WB detected in: HL60 whole cell lysate All lanes: CD33 antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 40, 34, 26 kDa Observed band size: 40 kDa