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Datasheet for ABIN560242  
**anti-CD33 antibody (AA 1-364)**

4 Images

Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µg  |
| Target:              | CD33  |
| Binding Specificity: | AA 1-364  |
| Reactivity:          | Human   |
| Host:                | Mouse   |
| Clonality:           | Monoclonal  |
| Conjugate:           | This CD33 antibody is un-conjugated                   |
| Application:         | Western Blotting (WB), ELISA, RNA Interference (RNAi) |

Product Details

|            |   |
|------------|---|
| Purpose:   | Mouse monoclonal antibody raised against a full length recombinant CD33.  |
| Immunogen: | CD33 (AAH28152.1, 1 a.a. ~ 364 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.  |
| Sequence:  | MPLLLLLLPLL WAGALAMDPN FWLQVQESVT VQEGLCVLPV CTFHFPIPIYY DKNSPVHGYW<br>FREGAIIISGD SPVATNKLDQ EVQEETQGRF RLLGDPSRNN CSLSIVDARR RDNGSYFFRM<br>ERGSTKYSYK SPQLSVHVTD LTHRPKILIP GTLEPGHSKN LTCSVSWACE QGTPPIFSWL<br>SAAPTSLGPR TTHSSVLIIT PRPQDHGTNL TCQVKFAGAG VTERTIQLN VTYVPQNPTT<br>GIFPGDGS GK QETRAGVVHG AIGGAGVTAL LALCLCLIFF IVKTHRRKAA RTAVGRNDTH<br>PTTGSASPKH QKKS KLHGPT ETSSCSGAAP TVEMDEELHY ASLNFHGMNP SKDTSTEYSE VRTQ |
| Clone:     | 2D12-G4   |
| Isotype:   | IgG2a   |

## Product Details

|                   |  |
|-------------------|--|
| Cross-Reactivity: | Human  |
| Characteristics:  | Antibody Reactive Against Recombinant Protein. |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | CD33   |
| Alternative Name: | CD33 ( <a href="#">CD33 Products</a> )                                   |
| Background:       | Full Gene Name: CD33 Molecule<br>Synonyms: FLJ00391,SIGLEC-3,SIGLEC3,p67 |
| Gene ID:          | 945  |

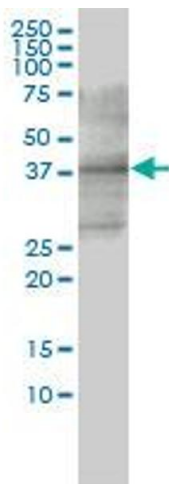
## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only  |

## Handling

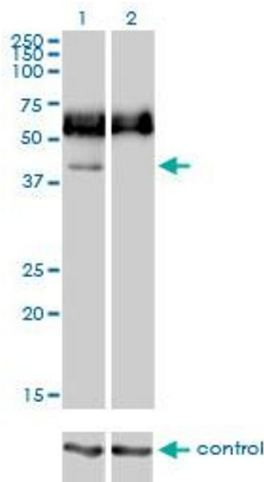
|                  |  |
|------------------|--|
| Buffer:          | In 1x PBS, pH 7.4  |
| Handling Advice: | Aliquot to avoid repeated freezing and thawing.                          |
| Storage:         | -20 °C   |
| Storage Comment: | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

## Images



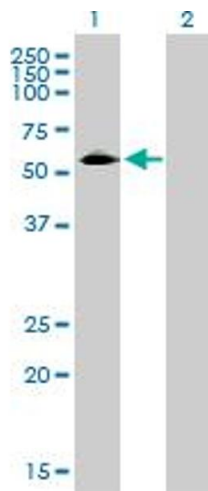
### Western Blotting

**Image 1.** CD33 monoclonal antibody (M01), clone 2D12-G4  
Western Blot analysis of CD33 expression in HL-60 .



### Western Blotting

**Image 2.** Western blot analysis of CD33 over-expressed 293 cell line, cotransfected with CD33 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with CD33 monoclonal antibody (M01), clone 2D12-G4. GAPDH ( 36.1 kDa ) used as specificity and loading control.



### Western Blotting

**Image 3.** Western Blot analysis of CD33 expression in transfected 293T cell line by CD33 monoclonal antibody (M01), clone 2D12-G4.

Lane 1: CD33 transfected lysate(39.7 KDa).

Lane 2: Non-transfected lysate.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN560242.