

## CD33 antibody [WM53]

Cat. No. GTX00477

|                     |                                 |
|---------------------|---------------------------------|
| <b>Host</b>         | Mouse                           |
| <b>Clonality</b>    | Monoclonal                      |
| <b>Isotype</b>      | IgG1                            |
| <b>Applications</b> | WB, ICC/IF, IHC-Fr, FCM, IP, MS |
| <b>Reactivity</b>   | Human, Primate                  |

Package  
100 µg

## PRODUCT

## Summary

CD33, also known as Siglec-3 or gp67, is a 67 kDa glycosylated cell surface receptor that mediates cell-cell interactions and maintains immune cells in a resting state. Although CD33 is found on some lymphoid subsets, it is highly expressed on myeloid lineage cells, and is commonly used for the diagnosis of acute myeloid leukemia (AML). CD33 is an established target for therapy, with CD33-positive blasts detected in almost 90 percent of patients presenting with AML.

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | Assay dependent      |
| ICC/IF             | Assay dependent      |
| IHC-Fr             | Assay dependent      |
| FCM                | Assay dependent      |
| IP                 | Assay dependent      |
| MS                 | Assay dependent      |

Not tested in other applications.

**Calculated MW** 40 kDa. ([Note](#))

## Properties

|                      |  |
|----------------------|--|
| <b>Form</b>          | Liquid   |
| <b>Buffer</b>        | PBS  |
| <b>Preservative</b>  | 15mM Sodium azide  |
| <b>Storage</b>       | Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE. |
| <b>Concentration</b> | 1 mg/ml (Please refer to the vial label for the specific concentration.)                               |
| <b>Immunogen</b>     | Human AML cells  |



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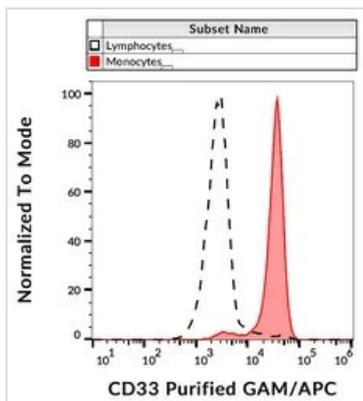
**Purification** Protein A purified

**Conjugation** Unconjugated

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**Note** Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

**DATA IMAGES**



**GTX00477 FCM Image**

FACS analysis of human peripheral blood using GTX00477 CD33 antibody [WM53].



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