

Datasheet for ABIN7542953

**Recombinant anti-CD33 (Gemtuzumab Biosimilar) antibody**[Go to Product page](#)

## Overview

|                |   |
|----------------|---|
| Quantity:      | 200 µg  |
| Target:        | CD33 (Gemtuzumab Biosimilar)                                |
| Reactivity:    | Human   |
| Host:          | Mouse   |
| Antibody Type: | Recombinant Antibody  |
| Clonality:     | Chimeric  |
| Conjugate:     | This CD33 (Gemtuzumab Biosimilar) antibody is un-conjugated |
| Application:   | Flow Cytometry (FACS), Immunofluorescence (IF)              |

## Product Details

|                  |   |
|------------------|---|
| Purpose:         | Anti-CD33 [hP67.6 (Gemtuzumab)], Mouse IgG1, kappa  |
| Immunogen:       | Gemtuzumab was generated by humanization of the murine P67.6 clone, raised against CD33-transfected FMY9S5 cells of human origin. CD33 is a transmembrane receptor expressed on predominantly on cells of the myeloid lineage, but it can also be found on some lymphoid cells. |
| Clone:           | HP67-6  |
| Isotype:         | IgG1 kappa  |
| Specificity:     | Recognises human CD33.  |
| Characteristics: | Original Species of Ab: Human<br>Original Format of Ab: IgG4  |
| Purification:    | Protein A affinity purified   |

## Target Details

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Target: [CD33 \(Gemtuzumab Biosimilar\)](#)

Abstract: [CD33 \(Gemtuzumab Biosimilar\) Products](#)

Target Type: Biosimilar

Background: Siglec-3

UniProt: [P20138](#)

## Application Details

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Application Notes: A human IgG4 variant conjugated to derivative of the cytotoxic drug calicheamicin gamma 1, N-acetylcalicheamicin dimethyl hydrazide, has been used as a therapeutic against acute myeloid leukemia. This antibody may also be used in flow cytometry and immunofluorescence.

Comment: This chimeric mouse antibody was made using the variable domain sequences of the original Human IgG4 format, for improved compatibility with existing reagents, assays and techniques.

Restrictions: For Research Use only

## Handling

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Concentration: 1 mg/mL

Buffer: PBS with 0.02 % Proclin 300.

Preservative: ProClin

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

Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.