

Product datasheet for **TA355207AM**

Anti-CD33 (gemtuzumab biosimilar) mAb, Biotinylated

Product data:

Product Type:	Primary Antibodies
Applications:	FC
Recommended Dilution:	Flow Cyt 1:100
Reactivity:	Human
Host:	Humanized
Clonality:	Monoclonal
Formulation:	50% Glycerol; PBS, pH 7.4; 0.1% BSA Preservative: 0.1% Procline 300
Reconstitution Method:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Concentration:	Lot specific
Purification:	Purified from cell culture supernatant by affinity chromatography
Conjugation:	Unconjugated
Storage:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Stability:	12 months from date of despatch
Gene Name:	CD33 molecule
Database Link:	Entrez Gene 945 Human P20138
Background:	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
Synonyms:	CD33; gp67; SIGLEC3



Note: **Common Name:**
CDP-771, CMA-676, WAY-CMA-676

Product images:

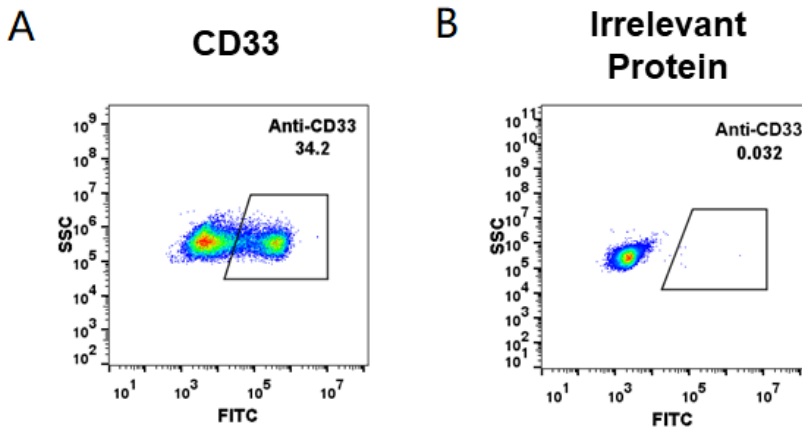


Figure 1. HEK293 cell line transfected with irrelevant protein (B) and human CD33 (A) were surface stained with anti-CD33 neutralizing antibody 1µg/ml (gemtuzumab) followed by Alexa 488-conjugated anti-human IgG secondary antibody.

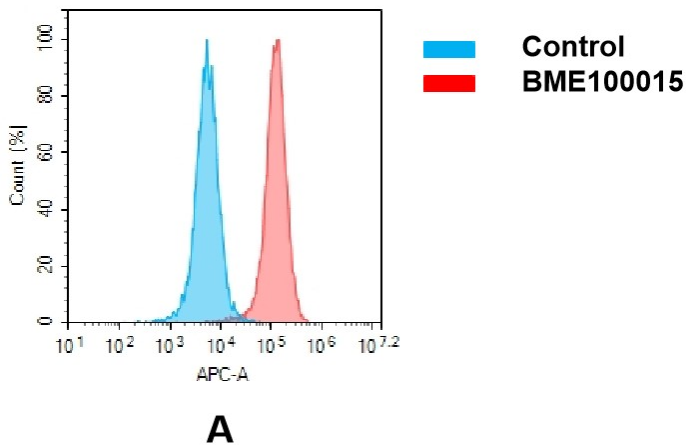


Figure 2. Flow cytometry analysis of antigen binding of anti-human CD33 mAb([TA355207]). (A) A clear peak shift of [TA355207] was seen compared to the control when incubated with CD33-expressing 8226 cells, indicating strong binding of [TA355207] to CD33. Antibodies were incubated at 2 µg/mL.

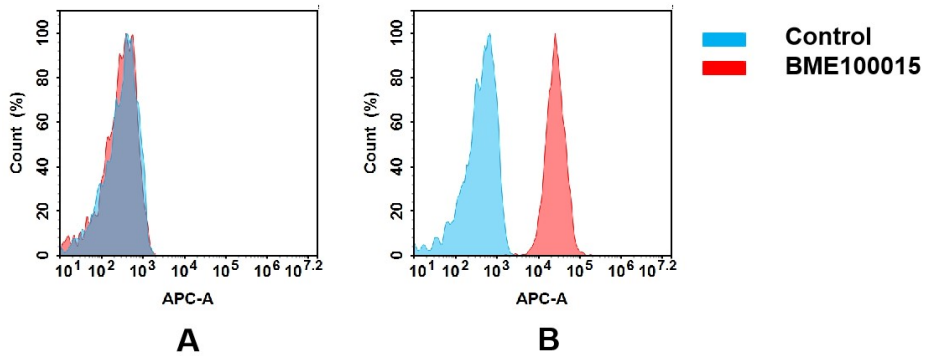


Figure 3. Flow cytometry analysis of antigen binding of anti-human CD33 mAb([TA355207]). (A) [TA355207] does not bind to 293T cells that do not express CD33. (B) A clear peak shift of [TA355207] was seen compared to the control when incubated with CD33-expressing THP-1 cells, indicating strong binding of [TA355207] to CD33. Antibodies were incubated at 5 µg/mL.