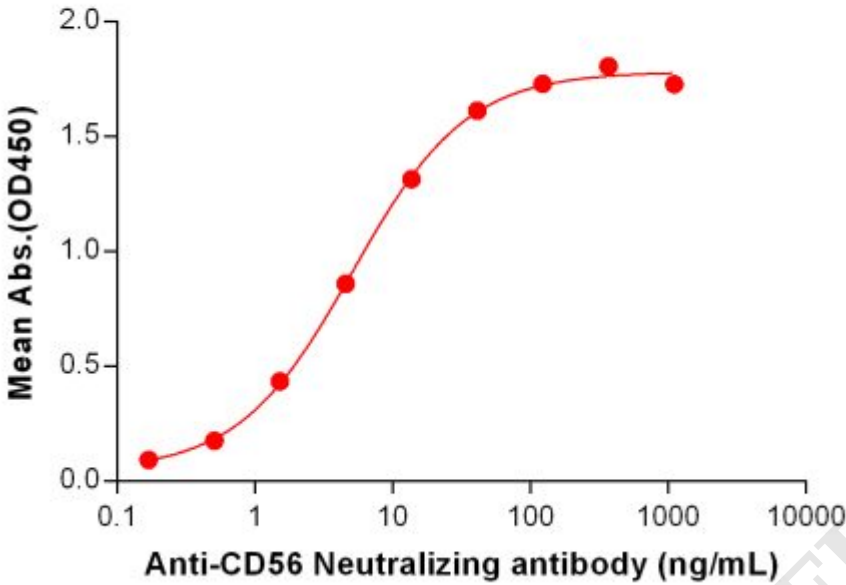


PRODUCT INFORMATION

|                              |                                                                                                                                                                                                                                                     |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Common Name                  | BB-10901, IMGN901, huN901-DM1                                                                                                                                                                                                                       |
| Synonyms                     | MSK39;NCAM                                                                                                                                                                                                                                          |
| Applications                 | ELISA; Flow Cyt                                                                                                                                                                                                                                     |
| Recommended Dilutions        | ELISA 1:5000-10000; Flow Cyt 1:100                                                                                                                                                                                                                  |
| Formulation & Reconstitution | 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.                                                    |
| Host Species                 | Humanized                                                                                                                                                                                                                                           |
| IgG type                     | IgG1                                                                                                                                                                                                                                                |
| Reactivity                   | Human                                                                                                                                                                                                                                               |
| Target                       | CD56                                                                                                                                                                                                                                                |
| Uniprot ID                   | P13591                                                                                                                                                                                                                                              |
| Description                  | Anti-CD56(lorvotuzumab biosimilar) mAb                                                                                                                                                                                                              |
| Delivery                     | In Stock                                                                                                                                                                                                                                            |
| Storage & Shipping           | 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. |
| Background                   | Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.                                                                                                                                               |
| Usage                        | Research use only                                                                                                                                                                                                                                   |

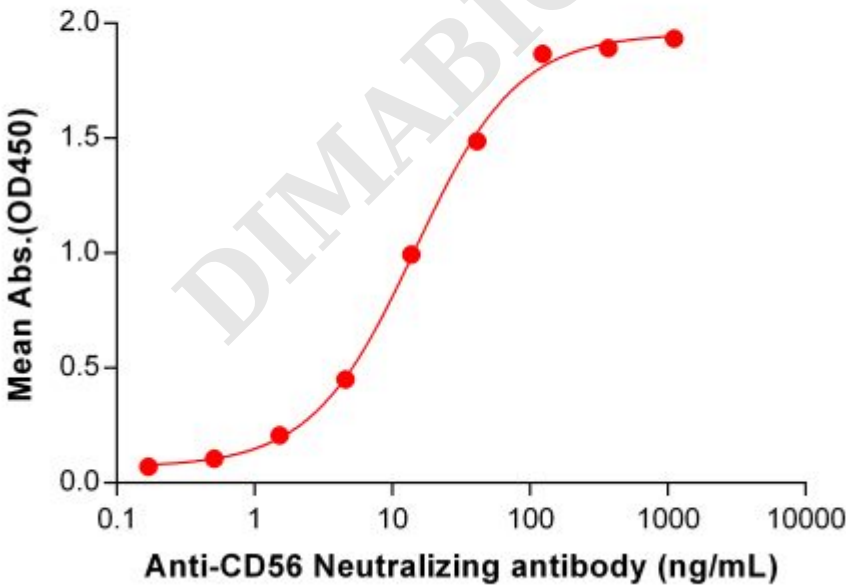


**Anti-CD56 (lorvotuzumab biosimilar) mAb ELISA**  
0.2 µg of Human CD56, His tagged protein per well



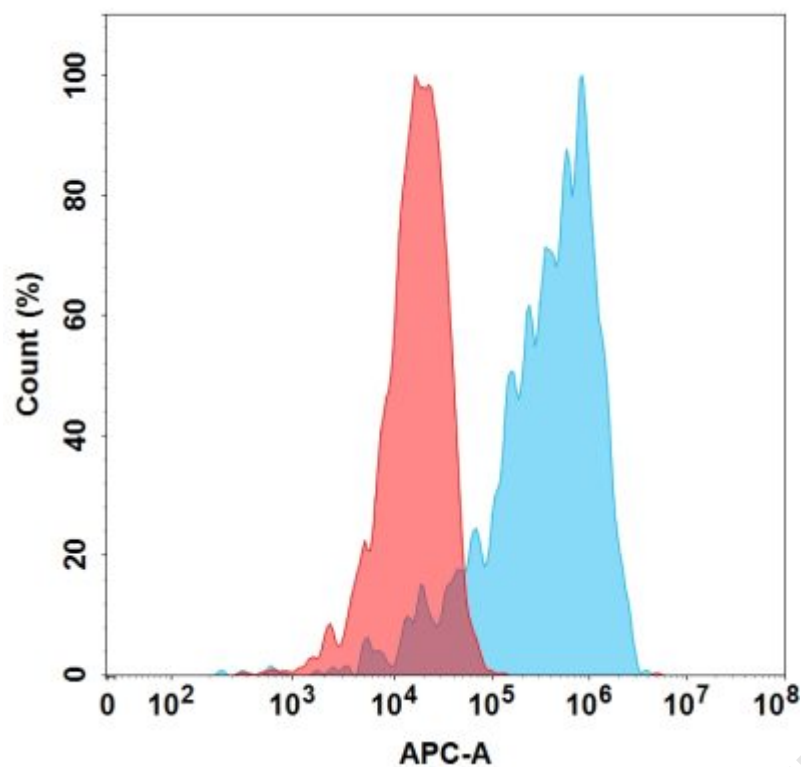
**Figure 1.** ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human CD56 Protein, His Tag ([getskuurl sku="PME100194"]) can bind Anti-CD56 Neutralizing antibody (BME100102) in a linear range of 0.51-41.15 ng/mL.

**Anti-CD56 (lorvotuzumab biosimilar) mAb ELISA**  
0.2 µg of Human CD56, hFc tagged protein per well



**Figure 2.** ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human CD56 Protein, hFc Tag (PME100540) can bind Anti-CD56 Neutralizing antibody (BME100102) in a linear range of 1.52-123.46 ng/mL. In order to specifically detect BME100102, mouse anti-human Fab-specific antibody was used as detection antibody.





**Figure 3.** Flow cytometry analysis with 1 µg/mL Anti-CD56 (lorvotuzumab biosimilar) mAb (BME100102) on Expi293 cells transfected with Human CD56 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

