

PRODUCT INFORMATION

Common Name	ASP1650, IMAB027
Synonyms	Claudin 6;Claudin-6;Skullin
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	Human IgG1
Reactivity	Human
Target	CLDN6
Uniprot ID	P56747
Description	Anti-CLDN6 (IMAB027) 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
Conjugate	Unconjugated



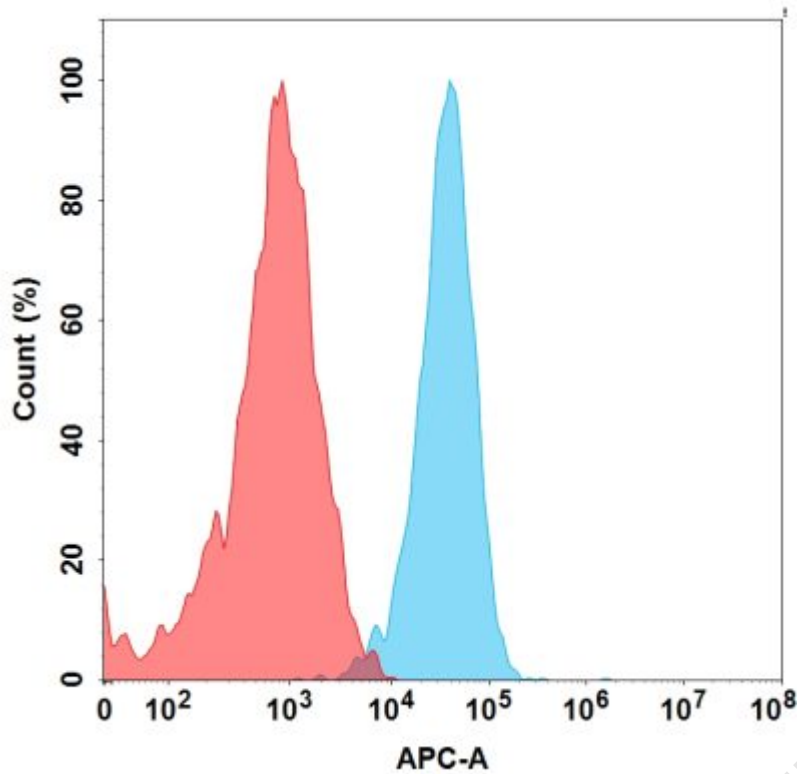


Figure 1. Flow cytometry analysis with 1 $\mu\text{g}/\text{mL}$ Anti-CLDN6 (IMAB027) mAb (BME100082) on Expi293 cells transfected with Human CLDN6 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

Anti-CLDN6 (IMAB027) mAb ELISA

0.5 μg of CLDN6 MNPs per well

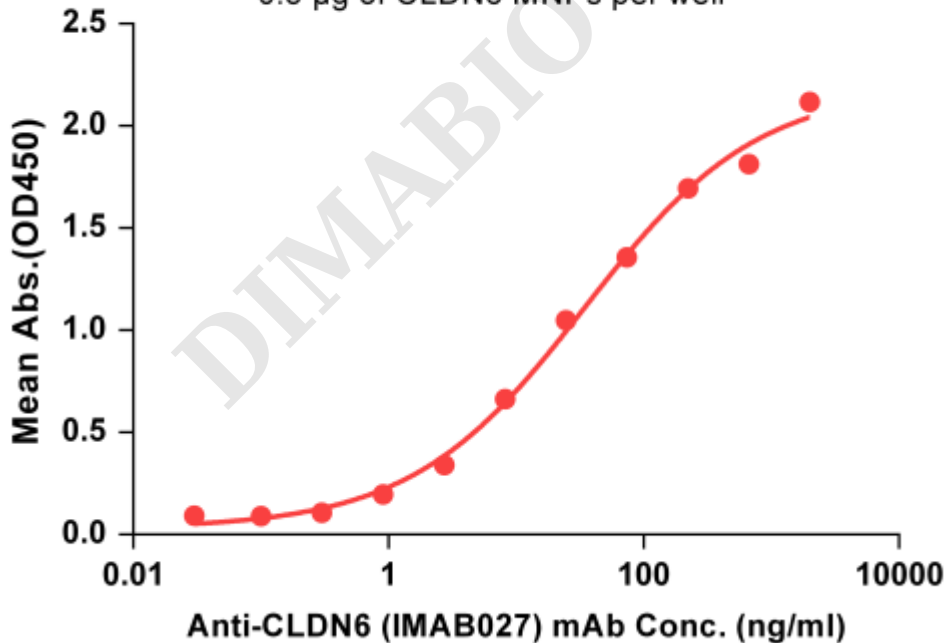


Figure 2. ELISA plates were pre-coated with 0.5 $\mu\text{g}/\text{per well}$ purified human CLDN6 MNPs. Serial diluted Anti-CLDN6 monoclonal antibody (**BME100082**) solutions were added, washed, and incubated with secondary antibody before ELISA reading. From above data, the EC₅₀ for BME100082 binding with Claudin6 MNPs is 34.36 ng/ml.



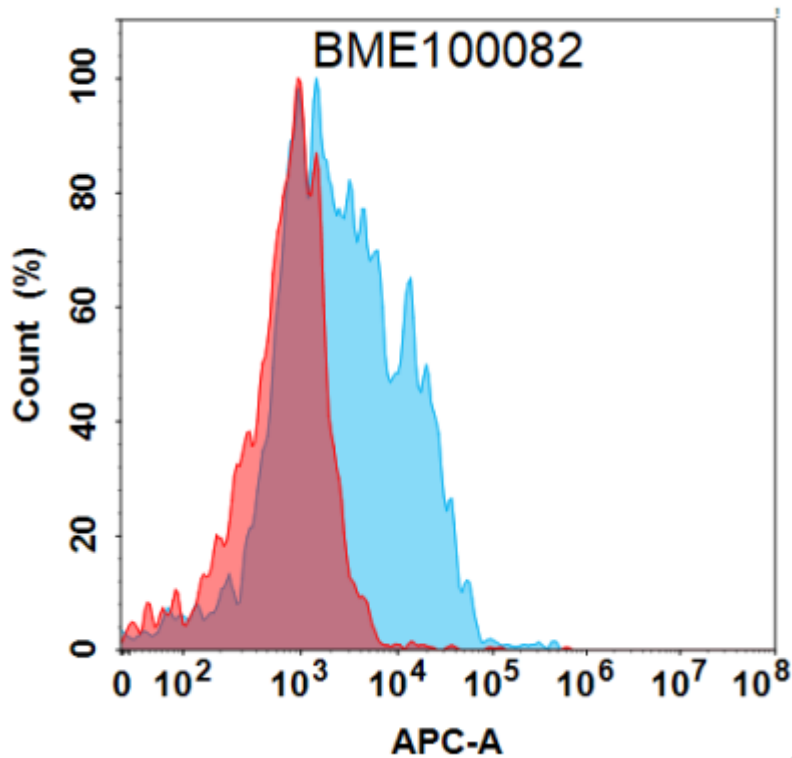


Figure 3. Flow cytometry analysis with 15 µg/mL Anti-CLDN6 (IMAB027) mAb (BME100082) on Expi293 cells transfected with Human CLDN9 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

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