PRODUCT INFORMATION

Common Name	ASP1650, IMAB027
Conjugate	Unconjugated
Synonyms	Claudin 6;Claudin-6;Skullin
Applications	ELISA; Flow Cyt
Endotoxin	Less than 1.0 EU/μg by the LAL method. For <1 EU/mg requirements, please contact us for customization.
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 – kappa
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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
Background	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
Usage	Research use only

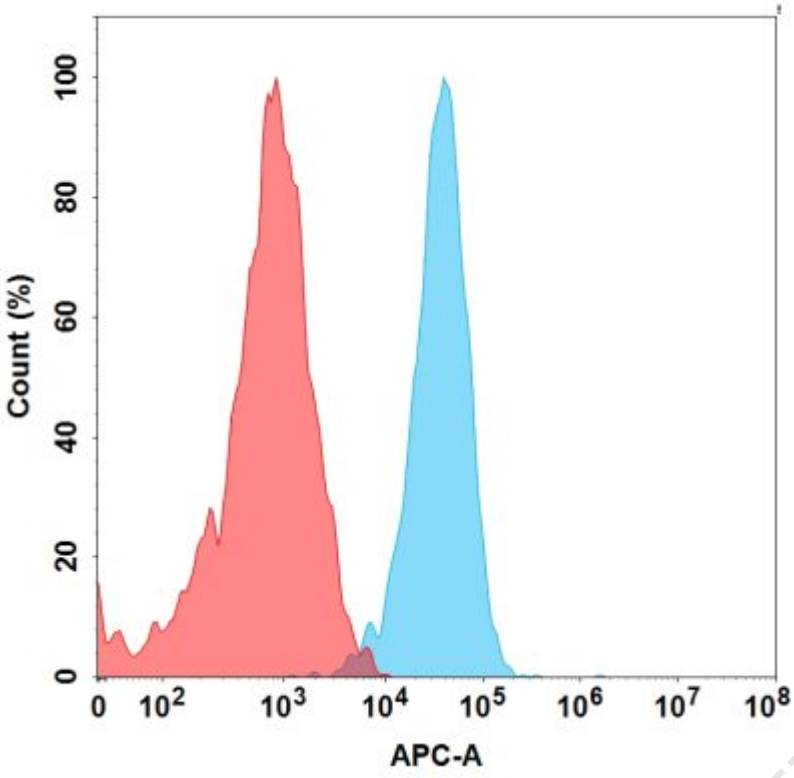

Figure 1. Flow cytometry analysis with 1 μg/mL Anti-CLDN6 (IMAB027) mAb (BME100082) on HEK293 cells transfected with Human CLDN6 protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

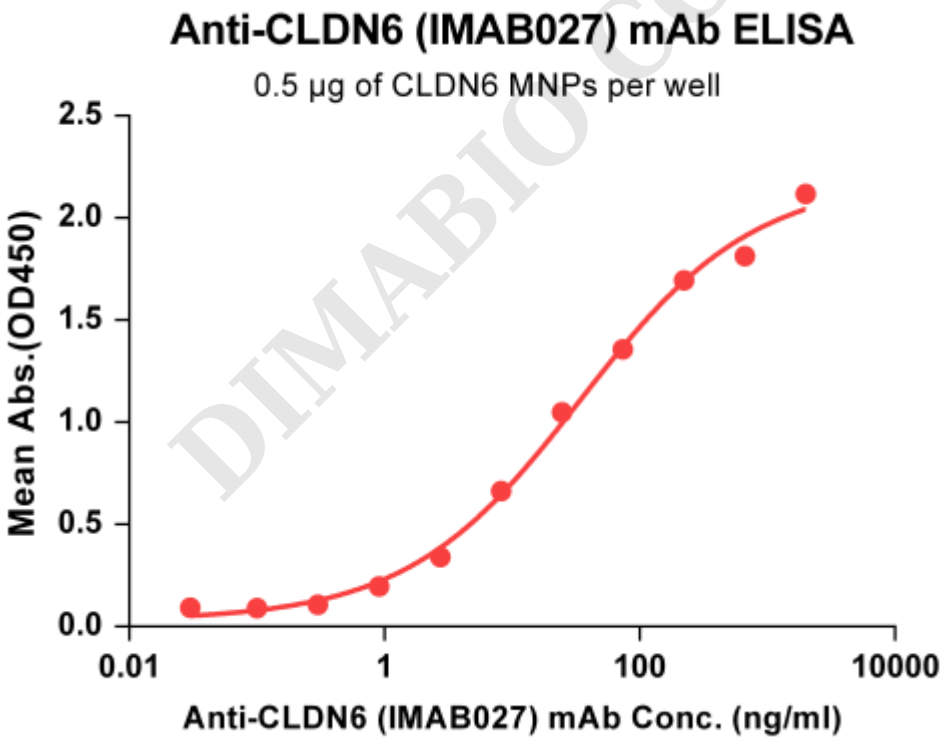

Figure 2. ELISA plates were pre-coated with 0.5 μg/per well purified human CLDN6 MNPs. Serial diluted Anti-CLDN6 monoclonal antibody (**BME100082**) solutions were added, washed, and incubated with secondary antibody before ELISA reading. From above data, the EC50 for BME100082 binding with Claudin6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

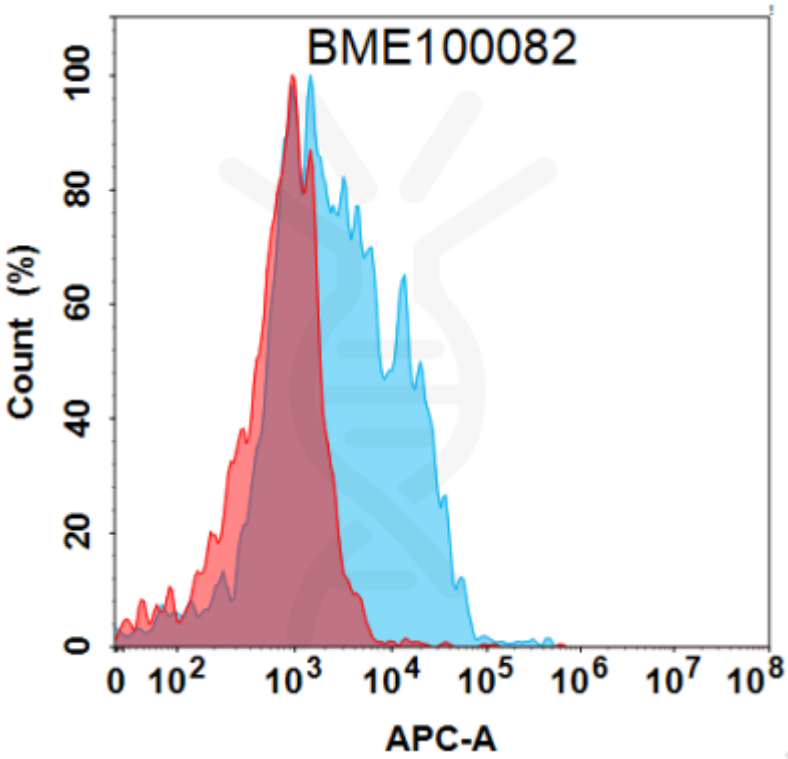

Figure 3. Flow cytometry analysis with 15 μg/mL Anti-CLDN6 (IMAB027) mAb (BME100082) on HEK293 cells transfected with Human CLDN9 protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).