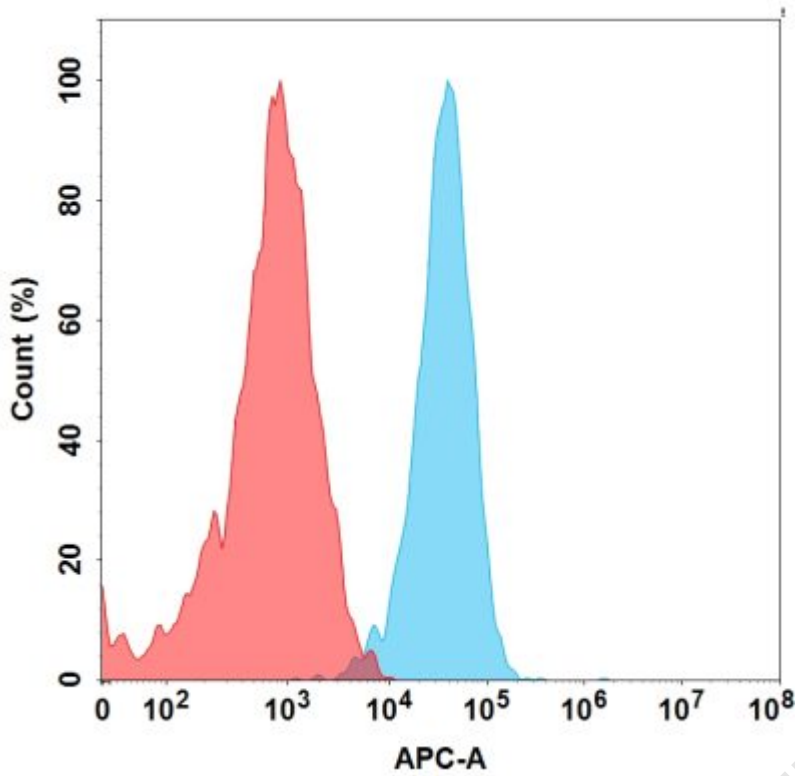


**PRODUCT INFORMATION**

<b>Common Name</b>	ASP1650, IMAB027
<b>Synonyms</b>	Claudin 6;Claudin-6;Skullin
<b>Applications</b>	ELISA; Flow Cyt
<b>Recommended Dilutions</b>	ELISA 1:5000-10000; Flow Cyt 1:100
<b>Formulation &amp; Reconstitution</b>	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.
<b>Host Species</b>	Humanized
<b>IgG type</b>	Human IgG1
<b>Reactivity</b>	Human
<b>Target</b>	CLDN6
<b>Uniprot ID</b>	P56747
<b>Description</b>	Anti-CLDN6 (IMAB027) mAb
<b>Delivery</b>	In Stock
<b>Storage &amp; Shipping</b>	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.
<b>Background</b>	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
<b>Usage</b>	Research use only

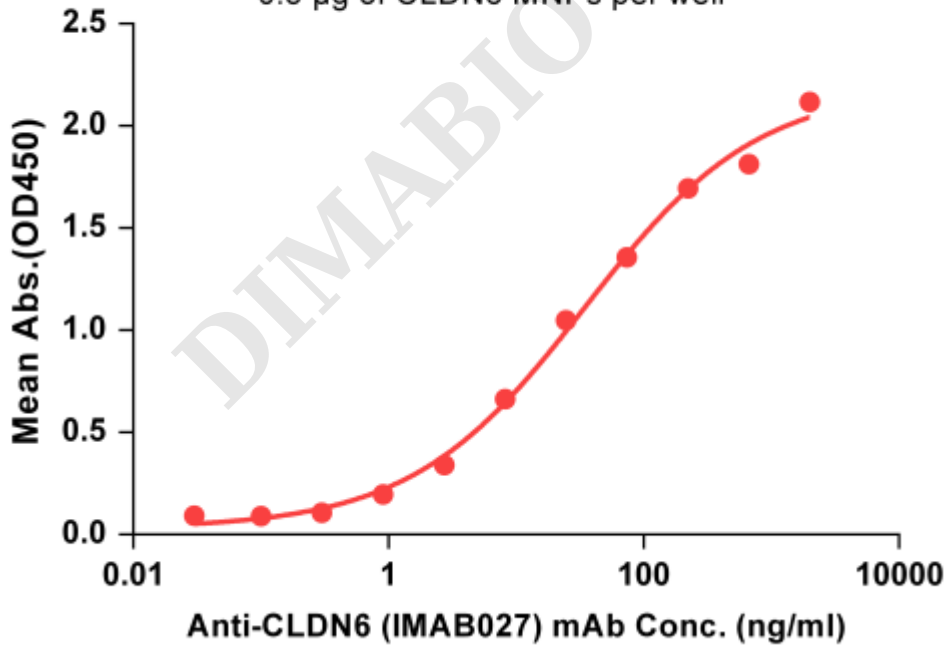




**Figure 1.** Flow cytometry analysis with 1  $\mu$ g/mL Anti-CLDN6 (IMAB027) mAb (BME100082) on Expi293 cells transfected with Human CLDN6 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

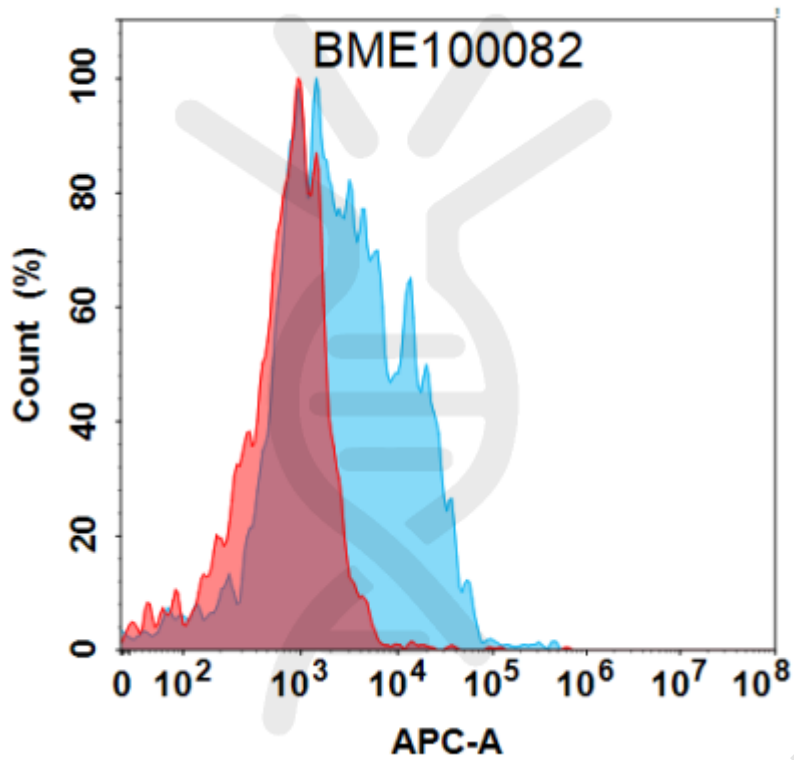
## Anti-CLDN6 (IMAB027) mAb ELISA

0.5  $\mu$ g of CLDN6 MNPs per well



**Figure 2.** ELISA plates were pre-coated with 0.5  $\mu$ g/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 EC<sub>50</sub> 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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