

## PRODUCT INFORMATION

<b>Common Name</b>	enfortumab, Unconjugated mAb
<b>Conjugate</b>	Unconjugated
<b>Synonyms</b>	EDSS1;LNIR;nectin-4;PRR4;PVRL4
<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>	Homo sapiens
<b>IgG type</b>	Human IgG1 - kappa
<b>Reactivity</b>	Human
<b>Target</b>	Nectin-4
<b>Uniprot ID</b>	Q96NY8
<b>Description</b>	Anti-Nectin-4(enfortumab biosimilar) 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. Our unconjugated biosimilar monoclonal antibodies (mAbs) are based on the sequences outlined in relevant patents or scientific publications. These antibodies are in their native, unconjugated form, meaning they do not contain any payload or therapeutic agent attached. They are designed for use in research and development, and their performance has been tested as standalone molecules through comprehensive QC tests.
<b>Usage</b>	Research use only



## Anti-Nectin-4 (enfortumab biosimilar) mAb ELISA

0.2  $\mu$ g of Human NECTIN-4, His tagged protein per well

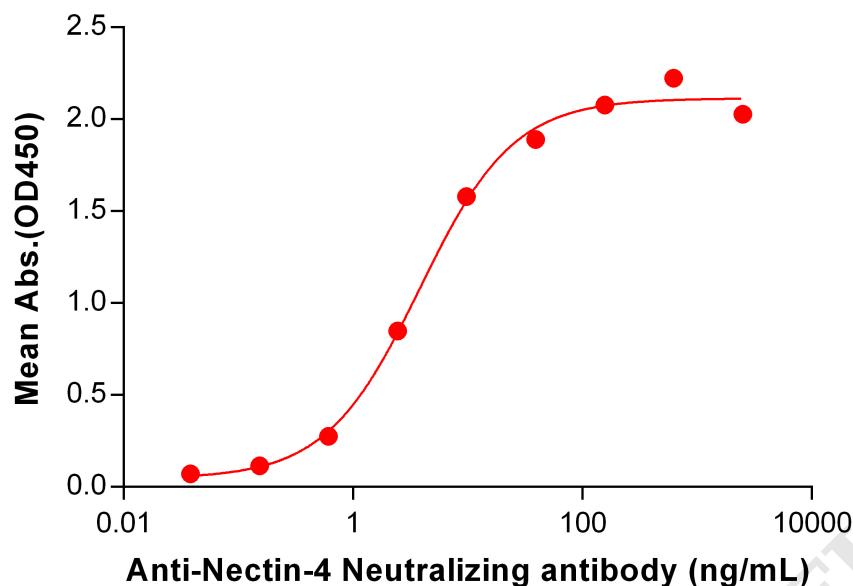


Figure 1. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human NECTIN-4 Protein, His Tag PME100874 can bind Anti-Nectin-4 Neutralizing antibody ( BME100088) in a linear range of 0.61–39.06 ng/mL.

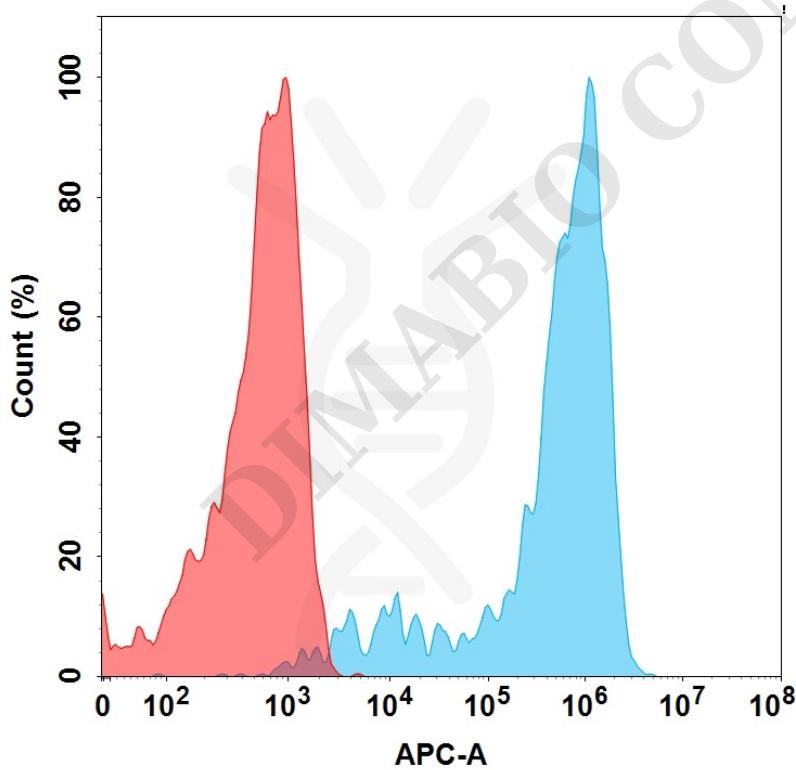


Figure 2. Flow cytometry analysis with 1  $\mu$ g/mL Anti-Nectin-4 (enfortumab biosimilar) mAb (BME100088) on HEK293 cells transfected with Human Nectin-4 protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).



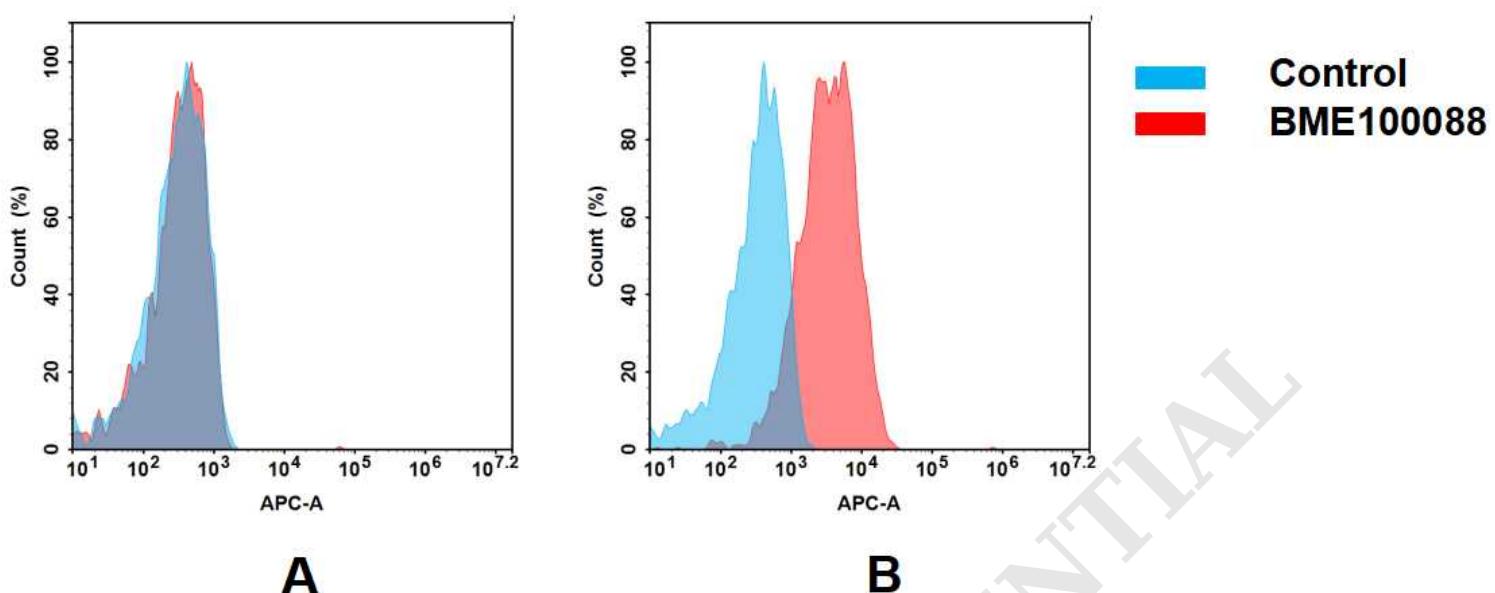


Figure 3. Flow cytometry analysis of antigen binding of anti-human Nectin-4 mAb(BME100088).

(A) BME100088 does not bind to 293T cells that do not express Nectin-4.

(B) A clear peak shift of BME100088 was seen compared to the control when incubated with Nectin-4-expressing A431 cells, indicating strong binding of BME100088 to Nectin-4. Antibodies were incubated at 2  $\mu$ g/mL.

