PRODUCT INFORMATION

Common Name	enfortumab, Unconjugated mAb
Conjugate	Unconjugated
Synonyms	EDSS1;LNIR;nectin-4;PRR4;PVRL4
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	Homo sapiens
IgG type	Human IgG1 – kappa
Reactivity	Human
Target	Nectin-4
Uniprot ID	Q96NY8
Description	Anti-Nectin-4(enfortumab 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. 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.
Usage	Research use only
DIMA Disclaimer	All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scr

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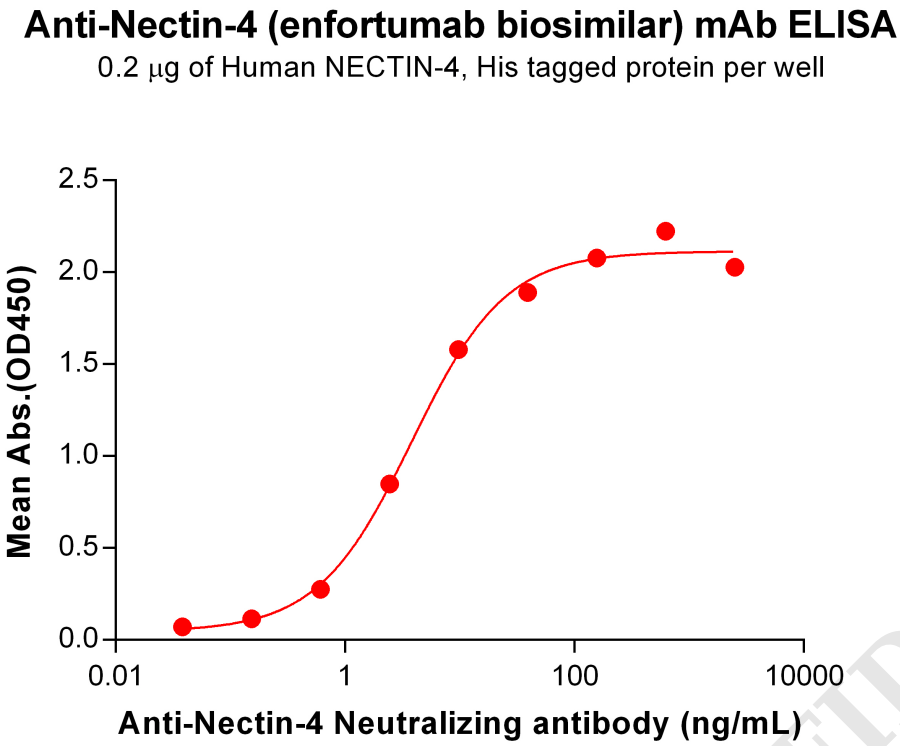

Figure 1. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human NECTIN-4 Protein, His Tag PME100874 can bind Anti-Nectin-4 Neutralizing antibody (BME100088) in a linear range of 0.61–39.06 ng/mL.

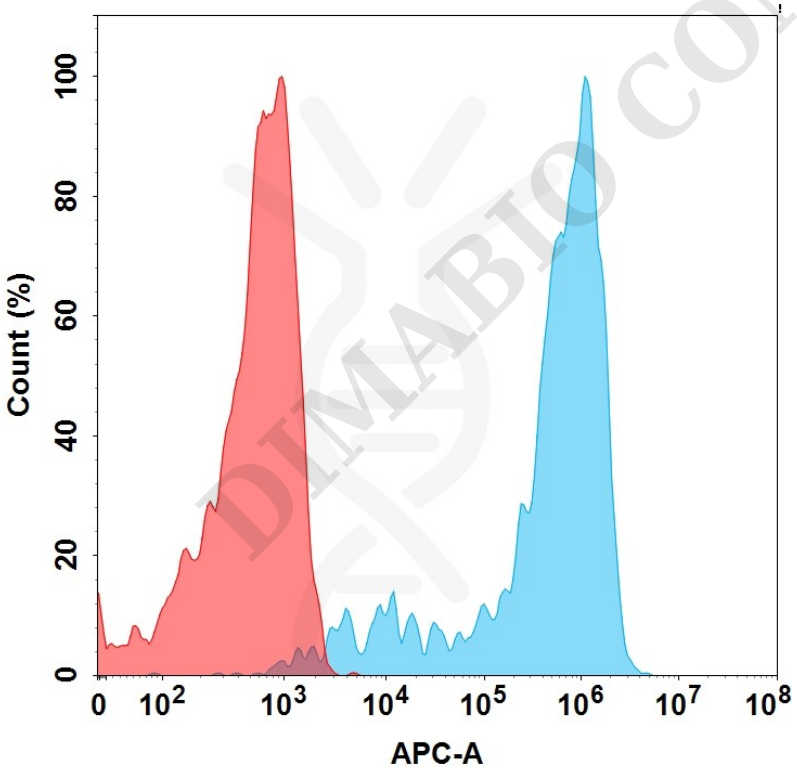

Figure 2. Flow cytometry analysis with 1 μg/mL Anti-Nectin-4 (enfortumab biosimilar) mAb (BME100088) on HEK293 cells transfected with Human Nectin-4 protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

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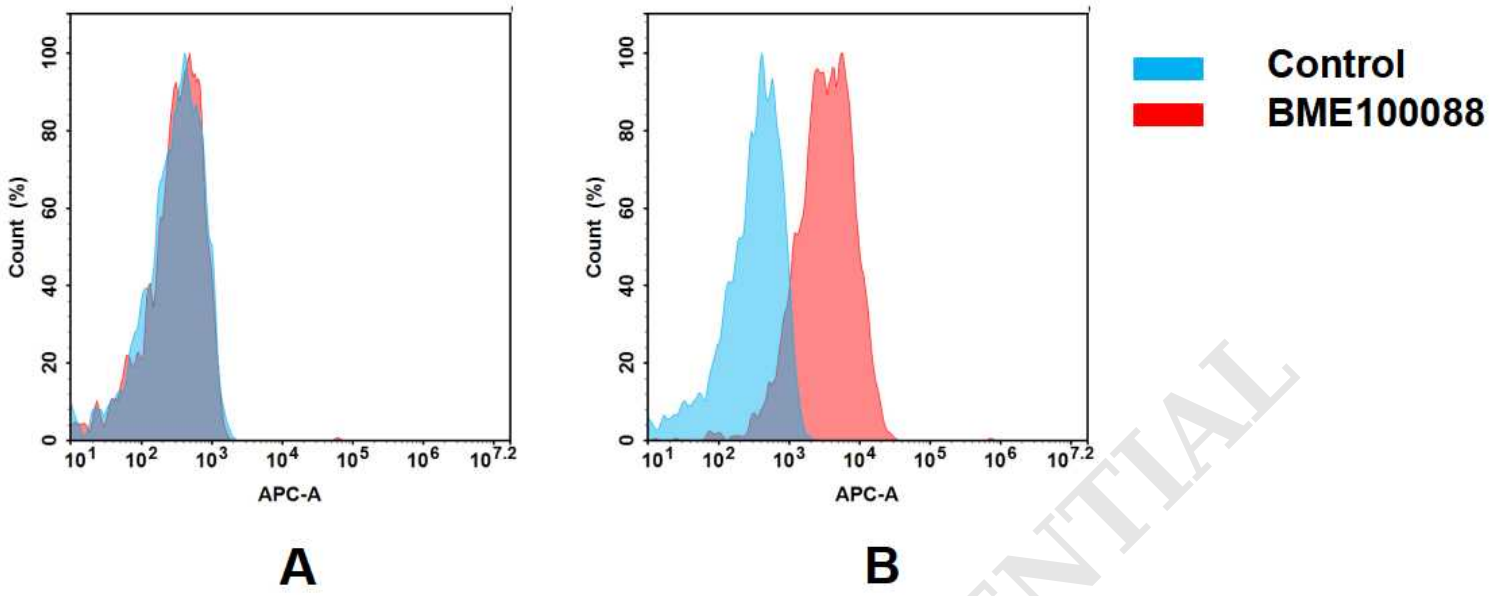

Figure 3. Flow cytometry analysis of antigen binding of anti-human Nectin-4 mAb(BME100088).
(A) BME100088 does not bind to 293T cells that do not express Nectin-4.
(B) A clear peak shift of BME100088 was seen compared to the control when incubated with Nectin-4-expressing A431 cells, indicating strong binding of BME100088 to Nectin-4. Antibodies were incubated at 2 μg/mL.

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