

**PRODUCT INFORMATION**

<b>Uniprot ID</b>	Q13308
<b>Common Name</b>	PF-06523435,hu24
<b>Conjugate</b>	Unconjugated
<b>Synonyms</b>	CCK4
<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>	IgG1(E239D, M241L)
<b>Reactivity</b>	Human
<b>Target</b>	PTK7
<b>Description</b>	Anti-PTK7(cofetuzumab 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 antibodies 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
<b>DIMA Disclaimer</b>	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 scrutinizing all patent application to ensure no IP infringement.



## Anti-PTK7(cofetuzumab biosimilar) mAb ELISA

0.2  $\mu$ g of Human PTK7, hFc tagged protein per well

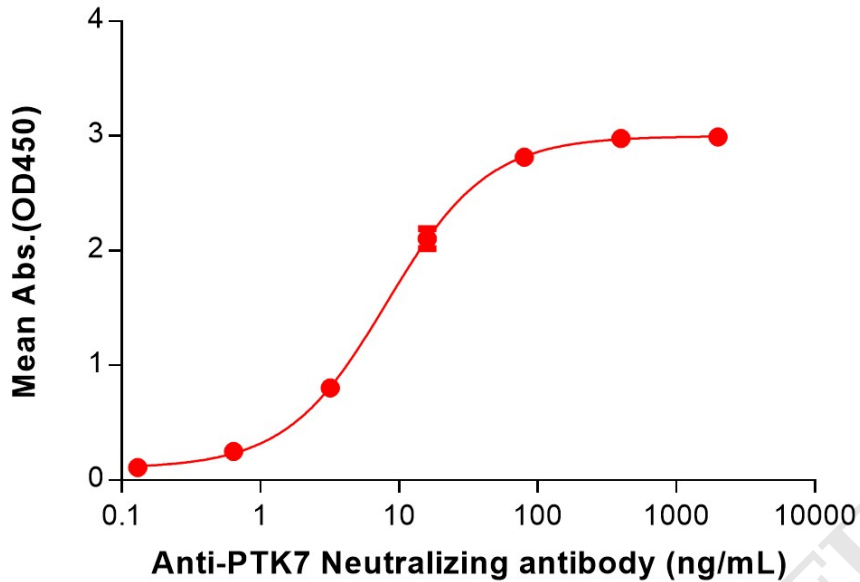


Figure 1. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human PTK7 Protein, hFc Tag (PME100086) can bind Anti-PTK7(cofetuzumab biosimilar) mAb (BME100236) in a linear range of 0.64–80 ng/mL. In order to specifically detect BME100236, mouse anti-human Fab-specific antibody was used as detection antibody.

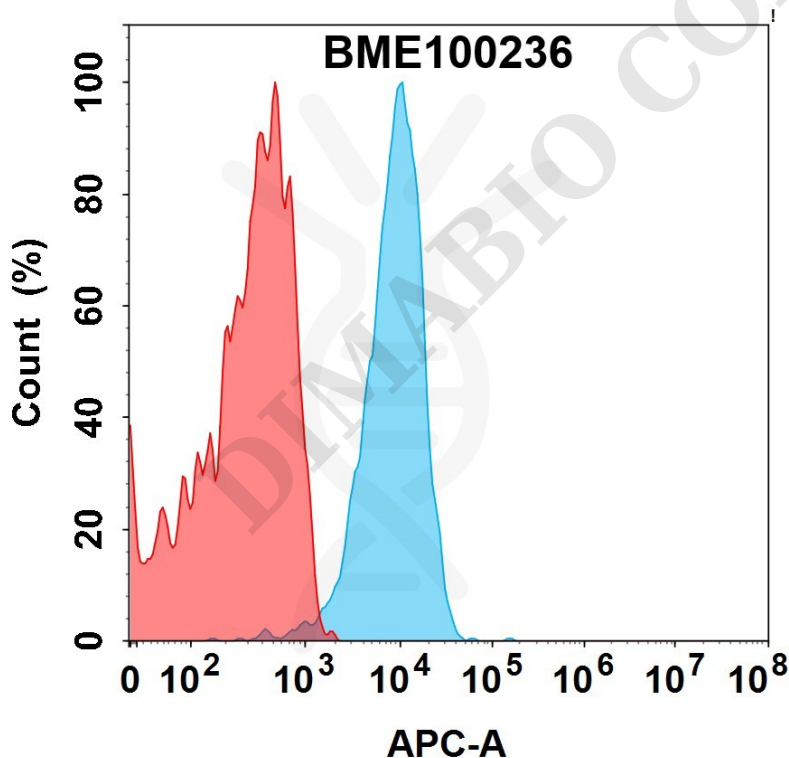


Figure 2. PTK7 protein is expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with 1  $\mu$ g/mL Anti-PTK7(cofetuzumab biosimilar) mAb (BME100236) (Blue histogram) or isotype control mAb (Red histogram) on Expi293 cells.

