

**PRODUCT INFORMATION**

<b>Common Name</b>	UC-961,cirmtuzumab
<b>Conjugate</b>	Unconjugated
<b>Synonyms</b>	ROR1;NTRKR1
<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 - kappa
<b>Reactivity</b>	Human
<b>Target</b>	ROR1
<b>Uniprot ID</b>	Q01973
<b>Description</b>	Anti-ROR1 (zilovertamab 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.
<b>Usage</b>	Research use only



## Anti-ROR1 (zilovetamab biosimilar) mAb ELISA

0.1  $\mu$ g of Human ROR1, His tagged protein per well

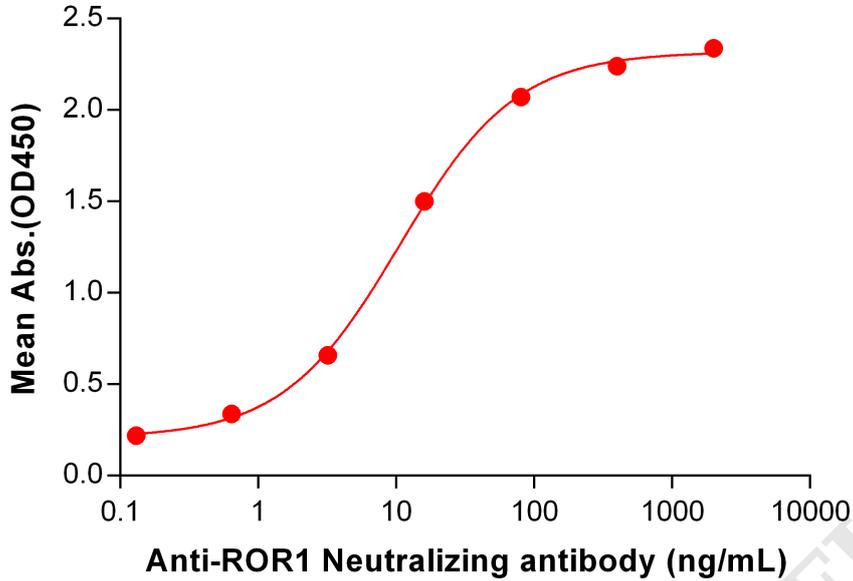


Figure 1. ELISA plate pre-coated by 2  $\mu$ g/ml (100  $\mu$ l/well) Human ROR1, His tagged protein PME100399 can bind Anti-ROR1 Neutralizing antibody (BME100073) in a linear range of 0.64-16  $\mu$ g/ml.

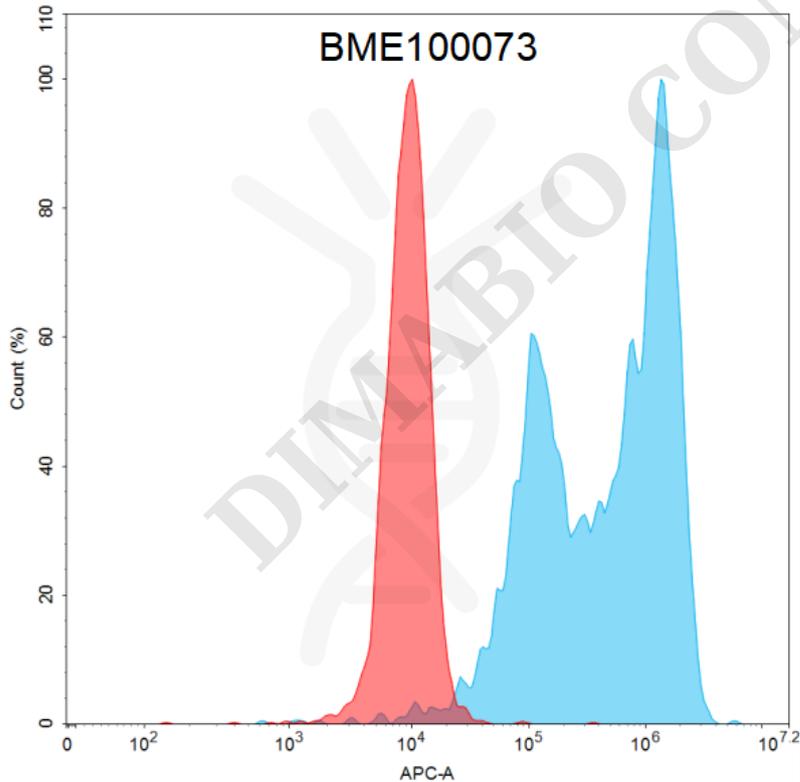


Figure 2. Flow cytometry analysis with Anti-ROR1 (zilovetamab biosimilar) mAb 15  $\mu$ g/mL on HEK293 cells transfected with Human ROR1 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).



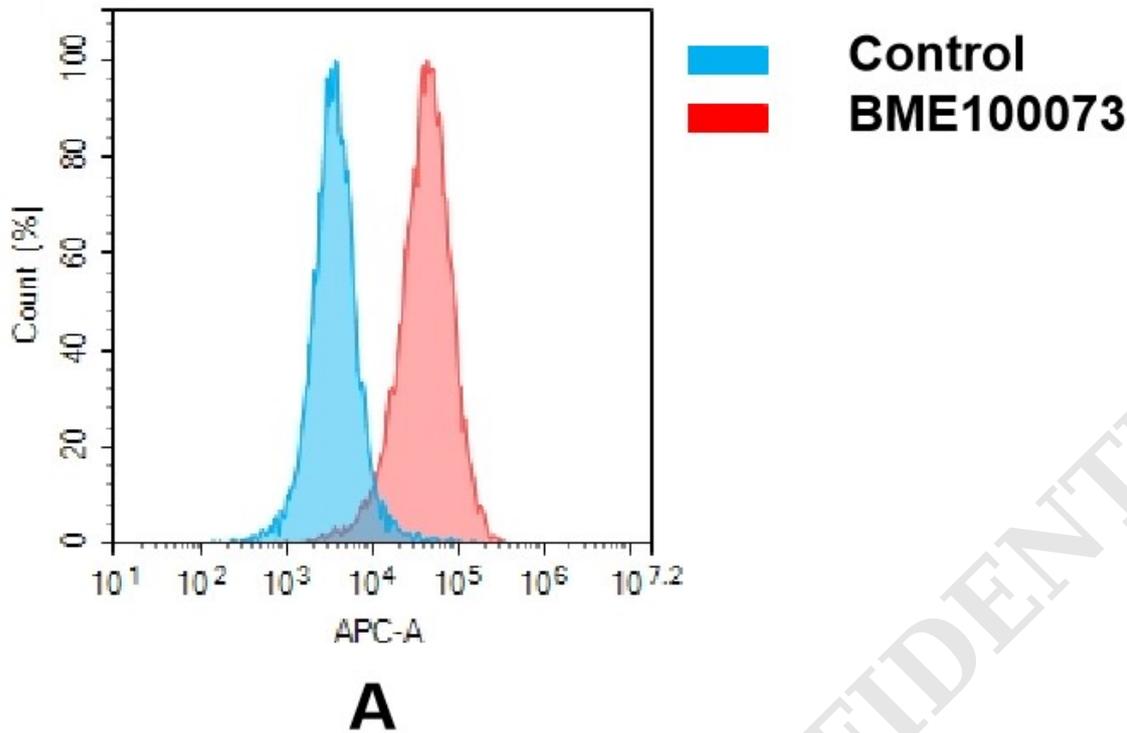


Figure 3. Flow cytometry analysis of antigen binding of anti-human ROR1 mAb(BME100073). (A) A clear peak shift of BME100073 was seen compared to the control when incubated with ROR1-expressing 8226 cells, indicating strong binding of BME100073 to ROR1. Antibodies were incubated at 2  $\mu\text{g}/\text{mL}$ .

### Anti-ROR1 (zilovertamab biosimilar) mAb ELISA

0.2  $\mu\text{g}$  of Human ROR1(30-164), hFc tagged protein per well

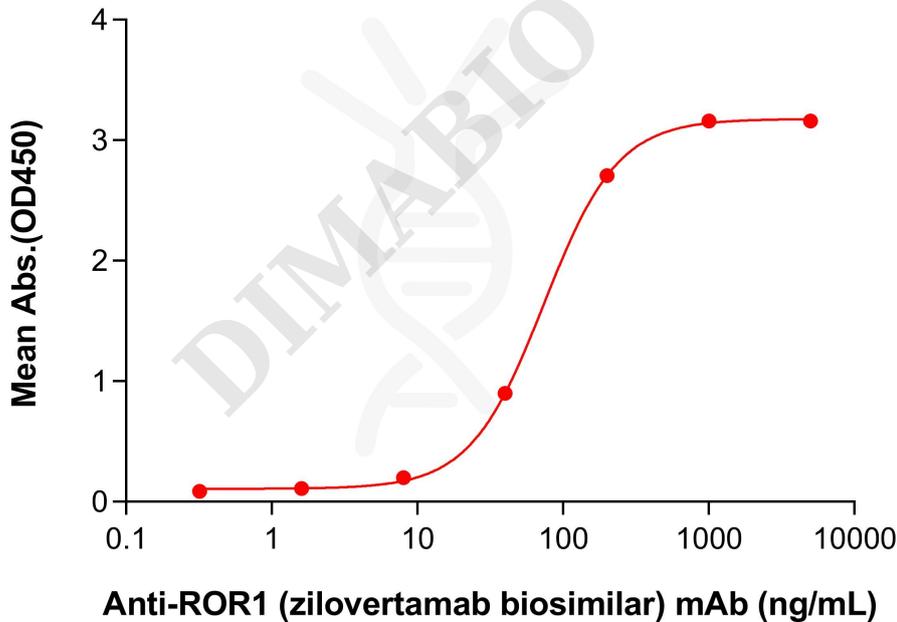


Figure 4. ELISA plate pre-coated by 2  $\mu\text{g}/\text{mL}$  (100  $\mu\text{L}/\text{well}$ ) Human ROR1(30-164) Protein, hFc Tag (PME101581) can bind Anti-ROR1 (zilovertamab biosimilar) mAb (BME100073) in a linear range of 40–200 ng/mL. In order to specifically detect BME100073, mouse anti-human Fab-specific antibody was used as detection antibody.

