

PRODUCT INFORMATION

Common Name	UC-961,cirmtuzumab
Conjugate	Unconjugated
Synonyms	ROR1;NTRKR1
Applications	ELISA; Flow Cyt
Endotoxin	Less than 1.0 EU/ μ g by the LAL method. For <1 EU/mg requirements, please contact us for customization.
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	Humanized
IgG type	Human IgG1 - kappa
Reactivity	Human
Target	ROR1
Uniprot ID	Q01973
Description	Anti-ROR1 (zilovertamab 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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μ m) prior to use.
Background	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
Usage	Research use only



Anti-ROR1 (zilovetamab biosimilar) mAb ELISA

0.1 μ g of Human ROR1, His tagged protein per well

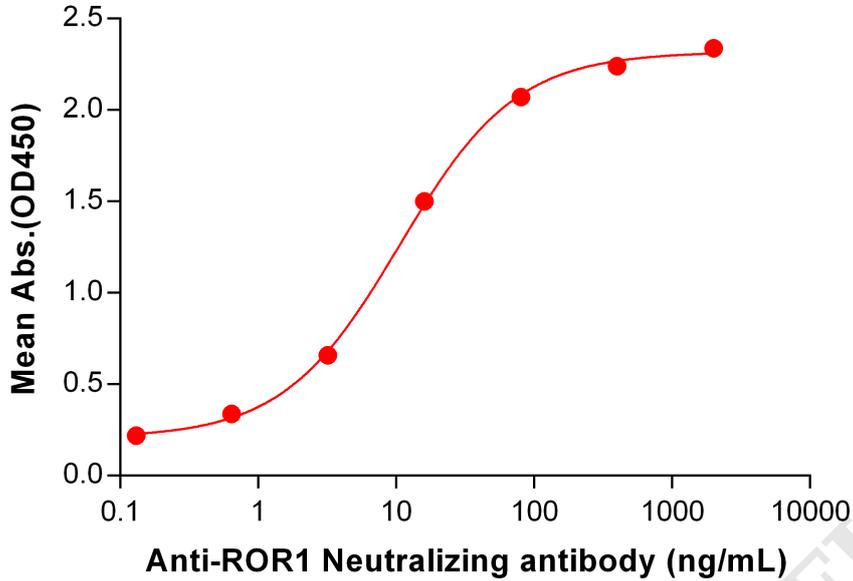


Figure 1. ELISA plate pre-coated by 2 μ g/ml (100 μ l/well) Human ROR1, His tagged protein PME100399 can bind Anti-ROR1 Neutralizing antibody (BME100073) in a linear range of 0.64-16 μ g/ml.

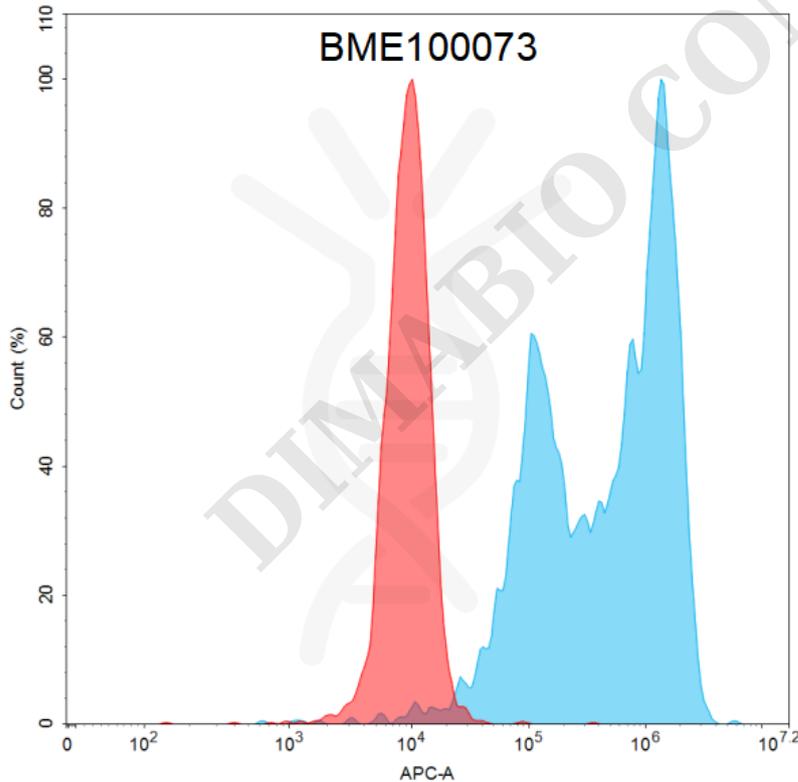


Figure 2. Flow cytometry analysis with Anti-ROR1 (zilovetamab biosimilar) mAb 15 μ g/mL on HEK293 cells transfected with Human ROR1 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).



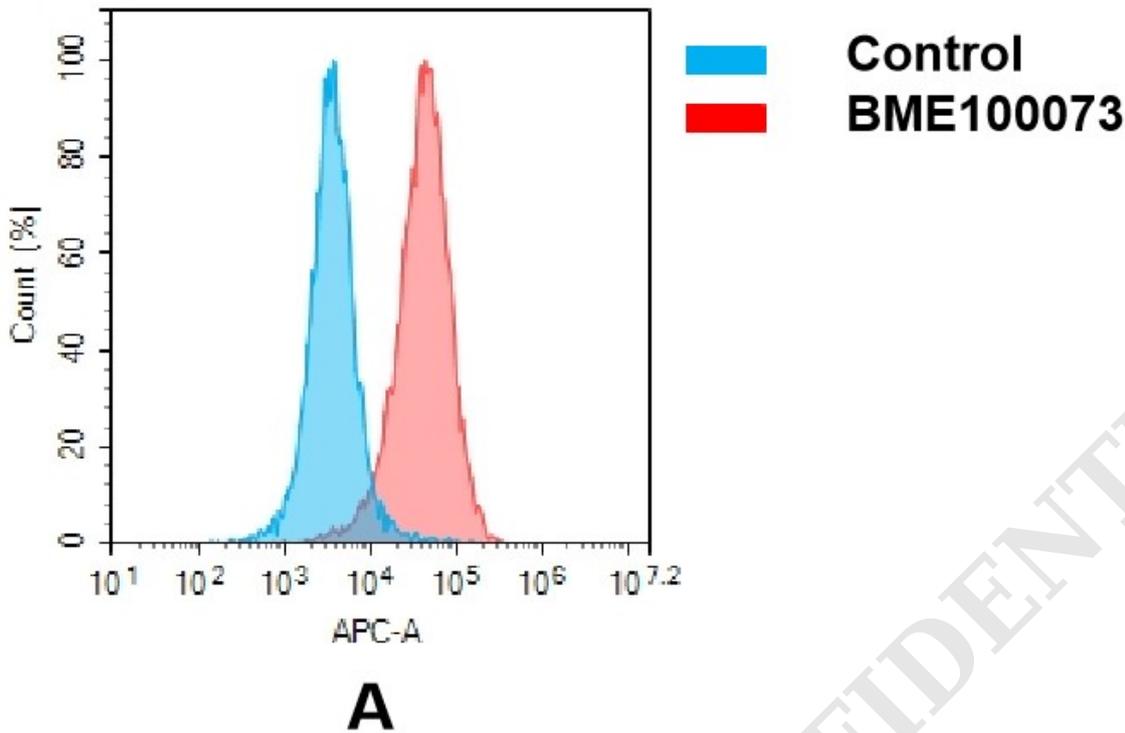


Figure 3. Flow cytometry analysis of antigen binding of anti-human ROR1 mAb(BME100073). (A) A clear peak shift of BME100073 was seen compared to the control when incubated with ROR1-expressing 8226 cells, indicating strong binding of BME100073 to ROR1. Antibodies were incubated at 2 $\mu\text{g}/\text{mL}$.

Anti-ROR1 (zilovetamab biosimilar) mAb ELISA

0.2 μg of Human ROR1(30-164), hFc tagged protein per well

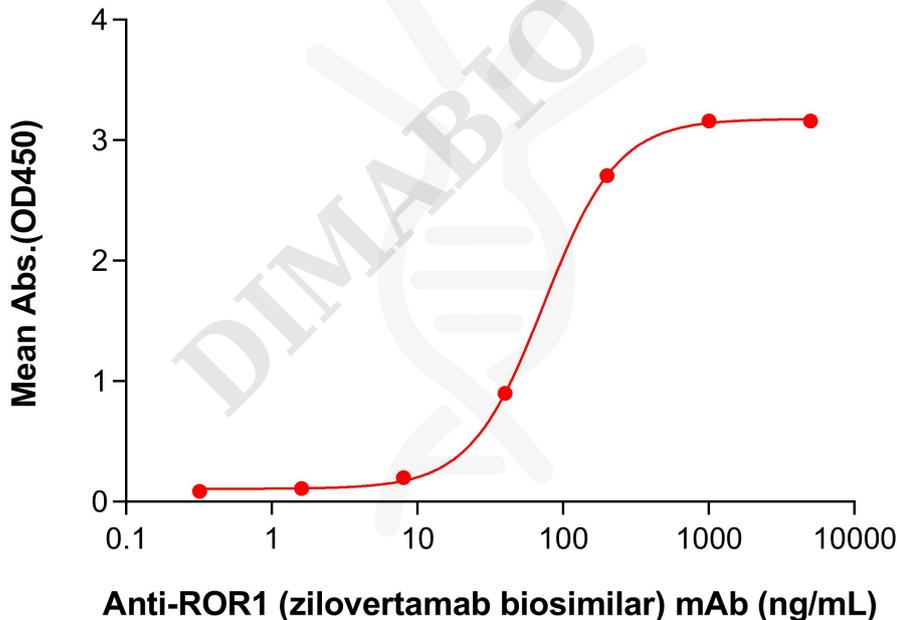


Figure 4. ELISA plate pre-coated by 2 $\mu\text{g}/\text{mL}$ (100 $\mu\text{L}/\text{well}$) Human ROR1(30-164) Protein, hFc Tag (PME101581) can bind Anti-ROR1 (zilovetamab biosimilar) mAb (BME100073) in a linear range of 40–200 ng/mL. In order to specifically detect BME100073, mouse anti-human Fab-specific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

