

## PRODUCT INFORMATION

<b>Clone ID</b>	DM114
<b>Target</b>	TNFRSF10B
<b>Synonyms</b>	TNFRSF10B;TRAILR2;TRAIL-R2;CD262;DR5;KILLER;TRICK2;ZTNFR9;TRICKB
<b>Host Species</b>	Rabbit
<b>Description</b>	Anti-TNFRSF10B antibody(DM114); Rabbit mAb
<b>Delivery</b>	3~4 weeks
<b>Uniprot ID</b>	O14763
<b>IgG type</b>	Rabbit IgG
<b>Clonality</b>	Monoclonal
<b>Reactivity</b>	Human
<b>Applications</b>	ELISA; Flow Cyt
<b>Recommended Dilutions</b>	ELISA 1:5000-10000; Flow Cyt 1:100
<b>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>Endotoxin</b>	Less than 1.0 EU/μg by the LAL method. For <1 EU/mg requirements, please contact us for customization.
<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>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>Sterility</b>	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
<b>Background</b>	The protein encoded by this gene is a member of the TNF-receptor superfamily; and contains an intracellular death domain. This receptor can be activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF10:TRAIL:APO-2L); and transduces an apoptosis signal. Studies with FADD-deficient mice suggested that FADD; a death domain containing adaptor protein; is required for the apoptosis mediated by this protein. Two transcript variants encoding different isoforms and one non-coding transcript have been found for this gene.
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated
<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 scr



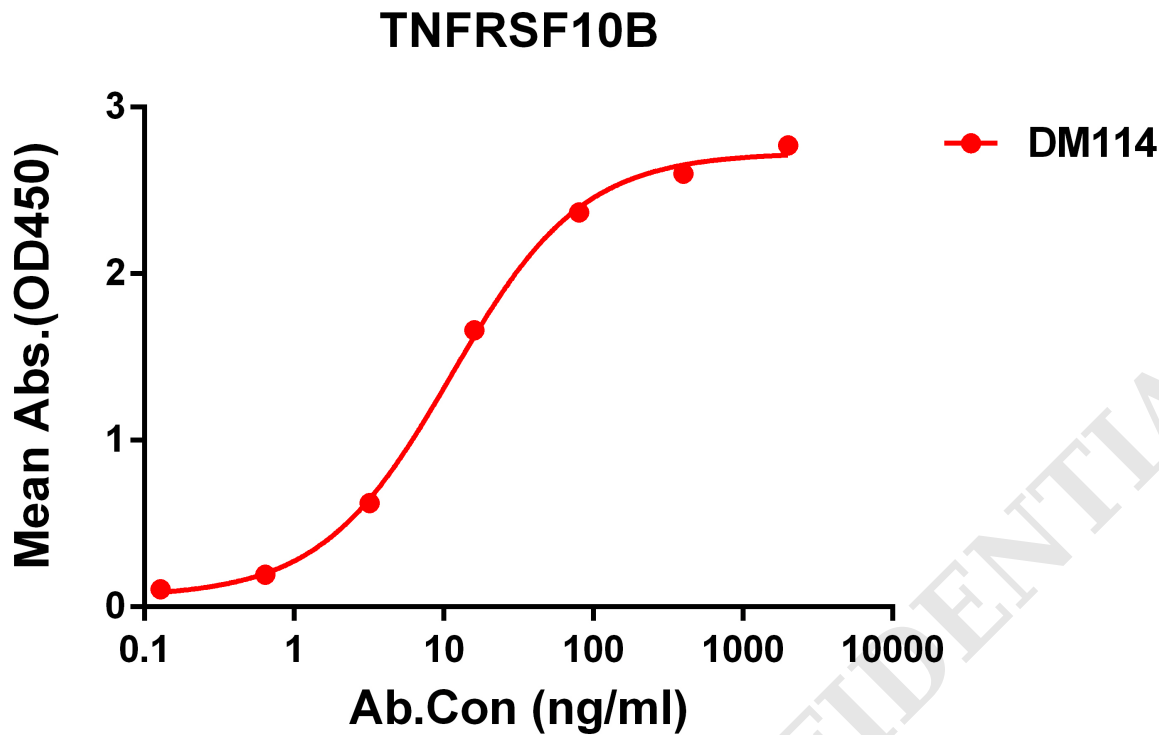


Figure 1. ELISA plate pre-coated by 2  $\mu\text{g/ml}$  (100  $\mu\text{l/well}$ ) Human TNFRSF10B protein, mFc tagged protein PME100465 can bind Rabbit anti-TNFRSF10B monoclonal antibody (clone: DM114) in a linear range of 0.6-90 ng/ml.

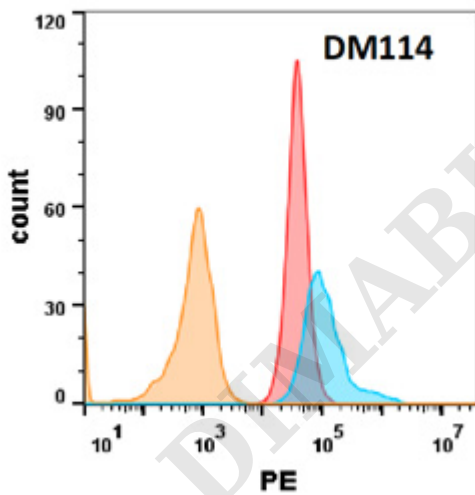


Figure 2. TNFRSF10B protein is highly expressed on the surface of HEK293 cell membrane. Flow cytometry analysis with Anti-TNFRSF10B (DM114) on HEK293 cells transfected with human TNFRSF10B (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram), and Isotype antibody on HEK293 transfected with irrelevant protein (Orange histogram).



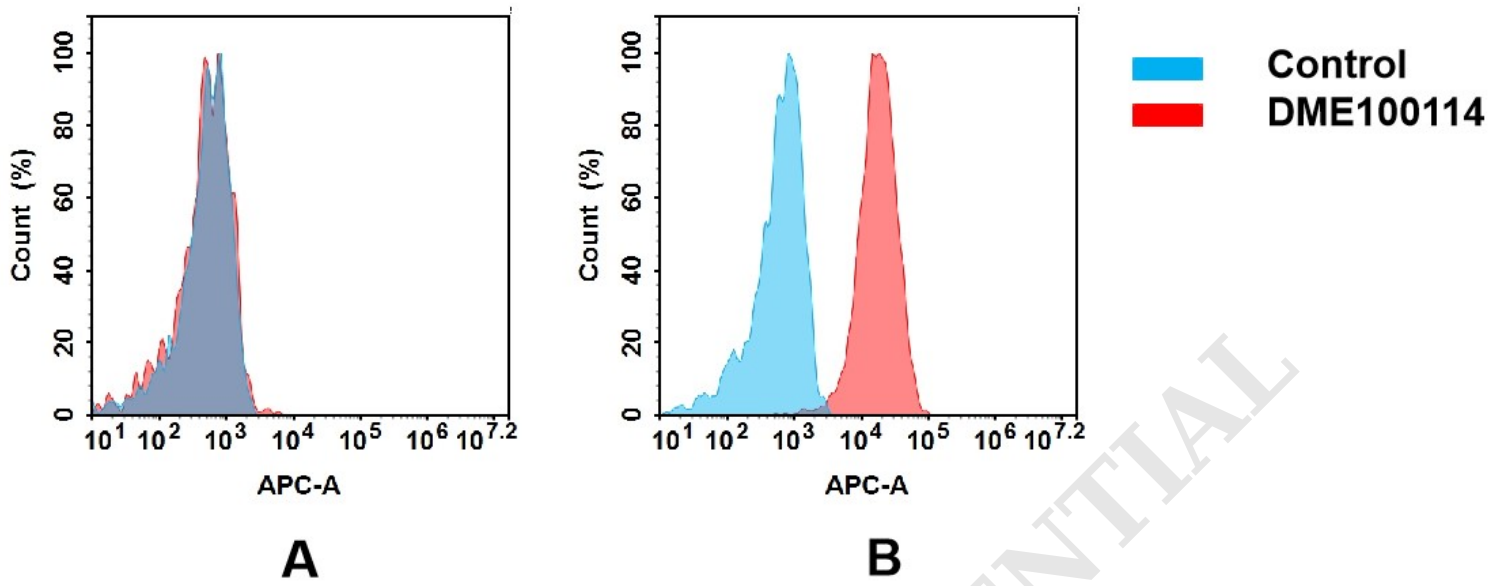


Figure 3. Flow cytometry analysis of antigen binding of rabbit anti-human TNFRSF10B mAb(DME100114). (A) DME100114 does not bind to TT cells that do not express TNFRSF10B. (B) A clear peak shift of DME100114 was seen compared to the control when incubated with TNFRSF10B-expressing SNU-5 cells, indicating strong binding of DME100114 to TNFRSF10B. Antibodies were incubated at 5  $\mu$ g/mL.

