PRODUCT INFORMATION

Clone ID	DM115
Target	TNFRSF10B
Synonyms	TNFRSF10B;TRAILR2;TRAIL-R2;CD262;DR5;KILLER;TRICK2;ZTNFR9;TRICKB
Host Species	Rabbit
Description	Anti-TNFRSF10B antibody(DM115); Rabbit mAb
Delivery	3~4 weeks
Uniprot ID	O14763
IgG type	Rabbit IgG
Clonality	Monoclonal
Reactivity	Human
Applications	ELISA; Flow Cyt
Recommended Dilutions	ELISA 1:5000-10000; Flow Cyt 1:100
Purification	Purified from cell culture supernatant by affinity chromatography
Endotoxin	Less than 1.0 EU/μg by the LAL method. For <1 EU/mg requirements, please contact us for customization.
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.
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 μm) prior to use.
Background	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.
Usage	Research use only
Conjugate	Unconjugated
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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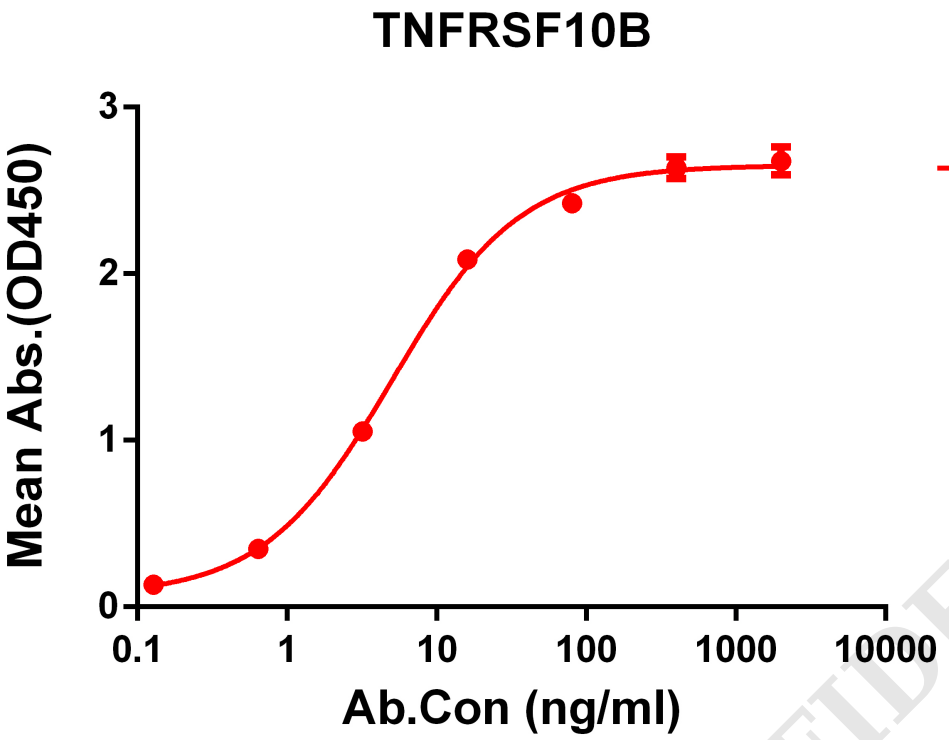

Figure 1. ELISA plate pre-coated by 2 μg/ml (100 μl/well) Human TNFRSF10B protein, mFc tagged protein PME100465 can bind Rabbit anti-TNFRSF10B monoclonal antibody (clone: DM115) in a linear range of 0.2-70 ng/ml.

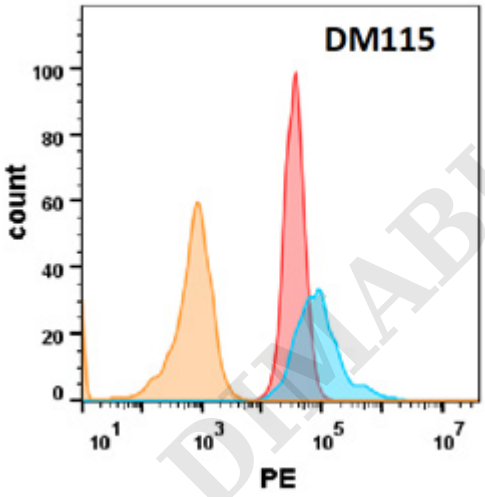

Figure 2. TNFRSF10B protein is highly expressed on the surface of HEK293 cell membrane. Flow cytometry analysis with Anti-TNFRSF10B (DM115) on HEK293 cells transfected with human TNFRSF10B (Blue histogram) or HEK293 transfected with irrelevant protein(Red histogram), and Isotype antibody on HEK293 transfected with irrelevant protein(Orange histogram).

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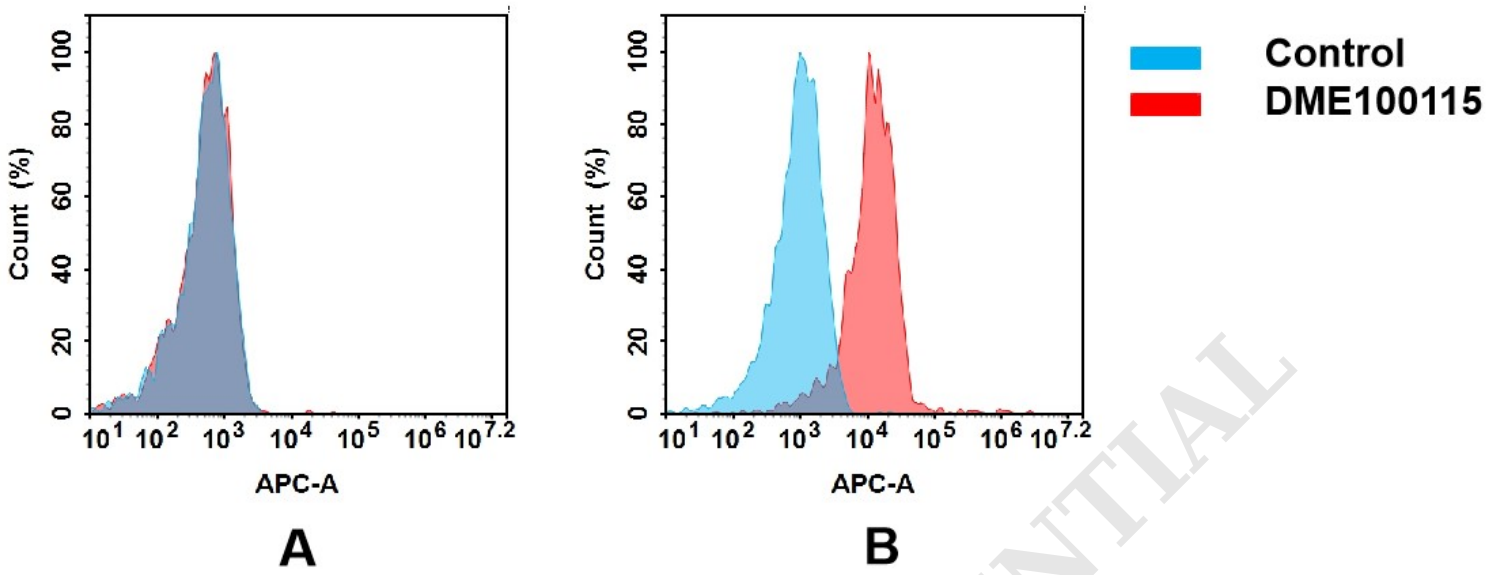

Figure 3. Flow cytometry analysis of antigen binding of rabbit anti-human TNFRSF10B mAb(DME100115).
(A) DME100115 does not bind to CHO-S cells that do not express TNFRSF10B.
(B) A clear peak shift of DME100115 was seen compared to the control when incubated with TNFRSF10B-expressing SNU-5 cells, indicating strong binding of DME100115 to TNFRSF10B. Antibodies were incubated at 5 μg/mL.

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