

PRODUCT INFORMATION

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| Clone ID | DM141 |
| Target | TNFSF12 |
| Synonyms | TNFSF12 |
| Host Species | Rabbit |
| Description | Anti-TNFSF12 antibody(DM141); Rabbit mAb |
| Delivery | In Stock |
| Uniprot ID | O43508 |
| 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 |
| 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. |
| Background | The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein is a ligand for the FN14:TWEAKR receptor. This cytokine has overlapping signaling functions with TNF; but displays a much wider tissue distribution. This cytokine; which exists in both membrane-bound and secreted forms; can induce apoptosis via multiple pathways of cell death in a cell type-specific manner. This cytokine is also found to promote proliferation and migration of endothelial cells; and thus acts as a regulator of angiogenesis. Alternative splicing results in multiple transcript variants. Some transcripts skip the last exon of this gene and continue into the second exon of the neighboring TNFSF13 gene; such read-through transcripts are contained in GeneID 407977; TNFSF12-TNFSF13. |
| 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 |



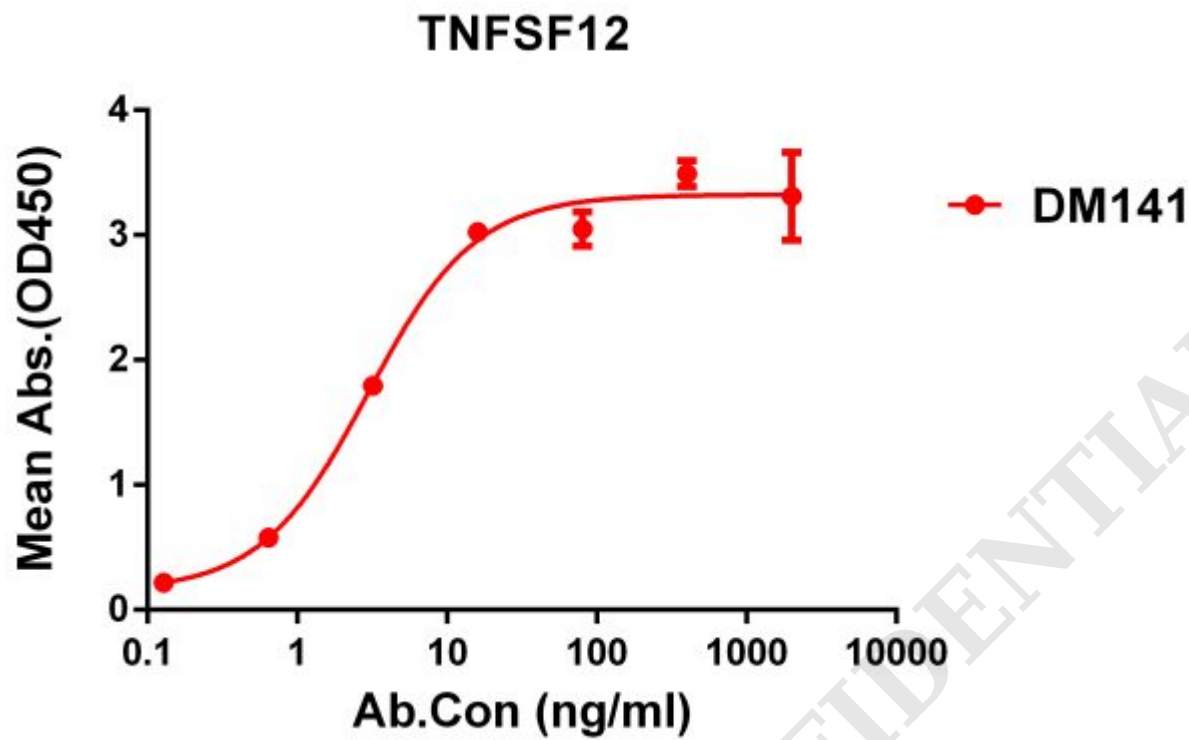


Figure 1. ELISA plate pre-coated by 1 µg/ml (100 µl/well) Human TNFSF12 protein, hFc tagged protein ([getskuurl sku="PME100105"]) can bind Rabbit anti-TNFSF12 monoclonal antibody(**clone: DM141**) in a linear range of 0. 1-10 ng/ml.

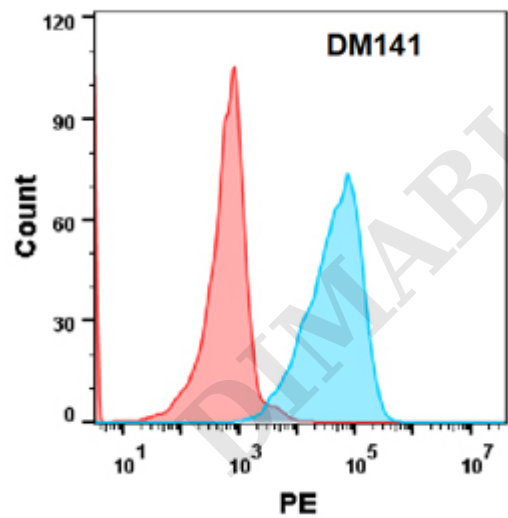


Figure 2. Flow cytometry analysis with Anti-TNFSF12 (DM141) on HEK293 cells transfected with human TNFSF12 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

