

PRODUCT INFORMATION

| | |
|---|---|
| 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 scrutinizing all patent application to ensure no IP infringement. |



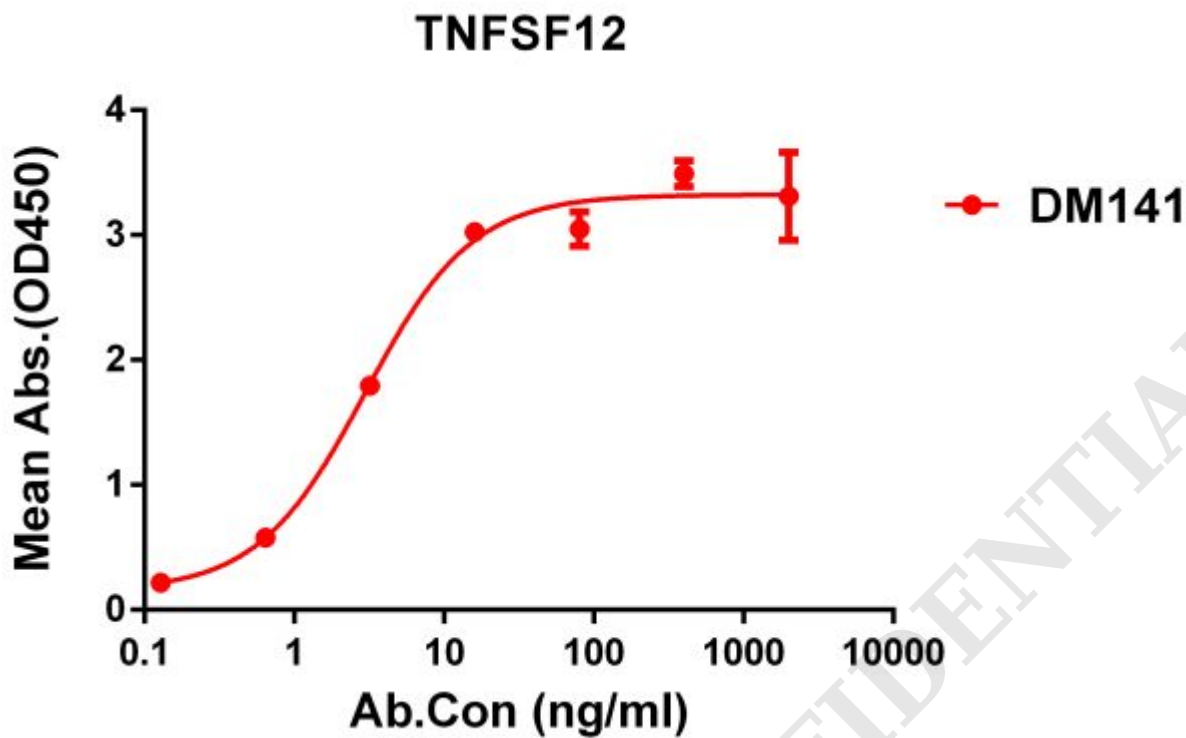


Figure 1. ELISA plate pre-coated by 1 μ g/ml (100 μ l/well) Human TNFSF12 protein, hFc tagged protein ([getskuurl sku="PME100105"]) can bind Rabbit anti-TNFSF12 monoclonal antibody(**clone: DM141**) in a linear range of 0. 1-10 ng/ml.

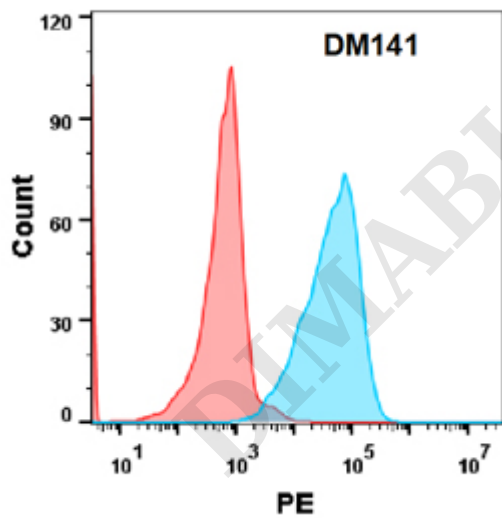


Figure 2. Flow cytometry analysis with Anti-TNFSF12 (DM141) on Expi293 cells transfected with human TNFSF12 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

