

## 12-9314: Anti-TNFSF12 antibody(DM140), Rabbit mAb

|                           |            |
|---------------------------|------------|
| <b>Clonality :</b>        | Monoclonal |
| <b>Clone Name :</b>       | DM140      |
| <b>Application :</b>      | ELISA,FACS |
| <b>Reactivity :</b>       | Human      |
| <b>Alternative Name :</b> | TNFSF12    |

### Description

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.

### Product Info

|                            |  |
|----------------------------|--|
| <b>Amount :</b>            | 100 µg   |
| <b>Purification :</b>      | Purified from cell culture supernatant by affinity chromatography  |
| <b>Content :</b>           | Not Sterile  |
| <b>Storage condition :</b> | Store at -20°C for 12 months (Avoid repeated freezing and thawing) |

### Application Note

ELISA 1/5000-10000;FACS 1/100

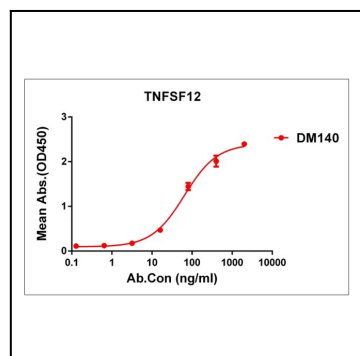


Figure 1. ELISA plate pre-coated by 1 µg/ml (100 µl/well) Human TNFSF12 protein, hFc tagged protein can bind Rabbit anti-TNFSF12 monoclonal antibody(clone: DM140) in a linear range of 5-200 ng/ml.

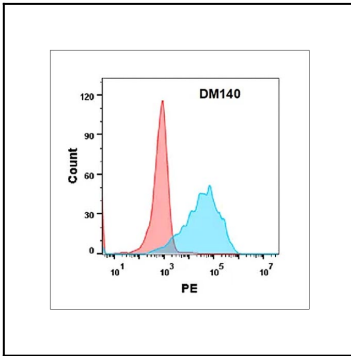


Figure 2. Flow cytometry analysis with Anti-TNFSF12 (DM140) on Expi293 cells transfected with human TNFSF12 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).