

TNFSF12 (DM140) RABBIT MAB

Cat.#: 28485

Product Name: Anti-TNFSF12(DM140) Rabbit Monoclonal Antibody

Synonyms: TNFSF12

Description: Anti-TNFSF12 antibody(DM140) Rabbit Monoclonal Antibody

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.

Applications: ELISA; Flow Cyt

Recommended Dilutions: ELISA 1:5000-10000; Flow Cyt 1:100

Host Species: Rabbit

Isotype: Rabbit IgG

Purification: Purified from cell culture supernatant by affinity chromatography

Species Reactivity: Human TNFSF12

Constituents: Lyophilized from sterile PBS, pH 7.4. 5% – 8% trehalose is added as protectants before lyophilization.

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).

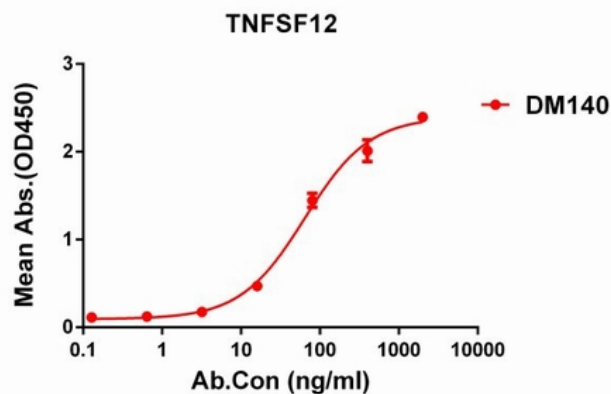


Figure 1. ELISA plate pre-coated by $1\ \mu\text{g/ml}$ ($100\ \mu\text{l/well}$) Human TNFSF12 protein, hFc tagged protein 11223 can bind Rabbit anti-TNFSF12 monoclonal antibody (clone: DM140) in a linear range of 5-200 ng/ml.

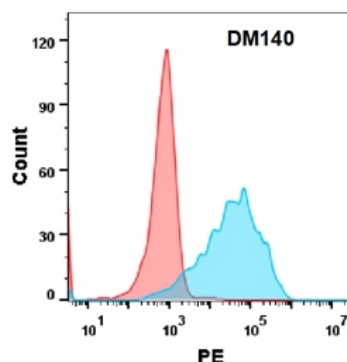


Figure 2. Flow cytometry analysis with Anti-TNFSF12 (DM140) on Expi293 cells transfected with human TNFSF12 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).