

Datasheet for ABIN7092941
anti-TWEAK antibody (AA 94-249)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	TWEAK (TNFSF12)
Binding Specificity:	AA 94-249
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This TWEAK antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant human TNFSF12(Ser94-His249) (ABIN6964083) produced by using human HEK293 cells
Clone:	DM140
Isotype:	IgG
Purification:	Purified from cell culture supernatant by affinity chromatography

Target Details

Target:	TWEAK (TNFSF12)
Alternative Name:	TNFSF12 (TNFSF12 Products)
Background:	Synonyms:TNFSF12

Target Details

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.

Molecular Weight: 43.3 kDa

Pathways: [Apoptosis](#)

Application Details

Application Notes: ELISA 1/5000-10000, Flow Cyt 1/100

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization., 0.1 % Procline 300

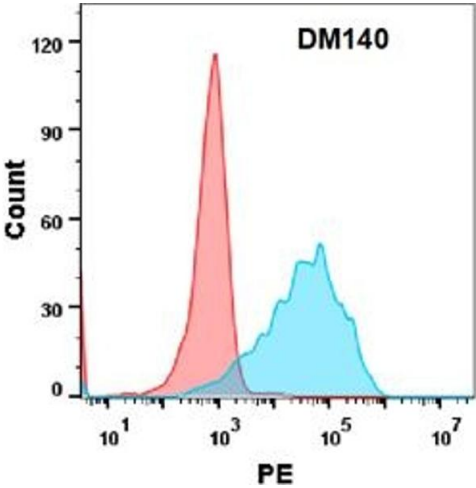
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

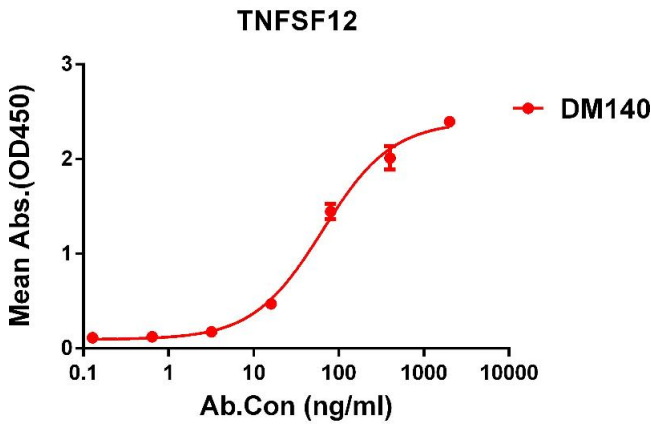
Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



Flow Cytometry

Image 1. Flow cytometry analysis with Anti-TNFSF12 (DM140) on Expi293 cells transfected with human TNFSF12 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).



ELISA

Image 2. ELISA plate pre-coated by 1 µg/mL (100 µL/well) Human TNFSF12 protein, hFc tagged protein ((ABIN6964083, ABIN7042421 and ABIN7042422)) can bind Rabbit anti-TNFSF12 monoclonal antibody(clone: DM140) in a linear range of 5-200 ng/mL.