

## Mouse Anti-TNFSF12 Monoclonal Antibody

**Cat. No.** DMABT-H18373    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Mouse Anti-TNFSF12 Monoclonal Antibody
<b>Species</b>	Human
<b>Source</b>	Mouse
<b>Antigen Description</b>	<p>TNF-like weak inducer of apoptosis (TWEAK) is a type II transmembrane TNF superfamily member with strong homology to TNF in its extracellular portion, though less potent in inducing apoptosis. It has been clustered as CD255. TWEAK transcript is expressed broadly in many adult and fetal tissues, however, the staining of human peripheral blood mononuclear cells with TWEAK-specific antibodies shows a more restricted pattern. TWEAK is expressed as membrane-bound and secreted forms. Interaction of TWEAK with its receptors (DR3, Fn14) promotes secretion of IL-8, activation of NF-kappa B, proliferation of endothelial cells, and apoptosis in a number of human cell lines.</p>
<b>Target</b>	TNFSF12
<b>Immunogen</b>	hTWEAK/2PK-3 transfectant cells
<b>Isotype</b>	IgM, kappa
<b>species</b>	Human
<b>Conjugation</b>	N/A

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Applications</b>	ELISA
<b>Preparation</b>	This antibody is at >85% purity.
<b>Usage recommendation</b>	Each lot of this antibody is quality control tested by sandwich ELISA. For ELISA capture applications, a concentration range of 1-4 µg/ml is recommended. It is recommended that the reagent be titrated for optimal performance for each application.
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	The antibody solution should be stored undiluted at 4 °C.
<b>Size</b>	100 µg

## GENE INFORMATION

<b>Gene Name</b>	TNFSF12 tumor necrosis factor (ligand) superfamily, member 12 [ Homo sapiens ]
<b>Official Symbol</b>	TNFSF12
<b>Synonyms</b>	TNFSF12; tumor necrosis factor (ligand) superfamily, member 12; tumor necrosis factor ligand superfamily member 12; APO3L; DR3LG; TWEAK; APO3 ligand; APO3/DR3 ligand; TNF-related WEAK inducer of apoptosis; MGC20669; MGC129581;
<b>Gene ID</b>	8742
<b>mRNA Refseq</b>	NM_003809
<b>Protein Refseq</b>	NP_003800

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



<b>MIM</b>	602695
<b>UniProt ID</b>	O43508
<b>Chromosome Location</b>	17p13.1
<b>Pathway</b>	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Gene Expression, organism-specific biosystem; Regulation of mRNA Stability by Proteins that Bind AU-rich Elements, organism-specific biosystem; Stabilization of mRNA by HuR, organism-specific biosystem;
<b>Function</b>	cytokine activity; cytokine activity; protein binding; receptor binding; tumor necrosis factor receptor binding;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA