

## Product datasheet for TA336381

### TRAIL (TNFSF10) Mouse Monoclonal Antibody [Clone ID: 55B709.3]

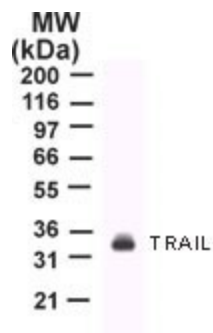
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	55B709.3
Applications:	IHC, WB
Recommend Dilution:	WB: 1-2 ug/ml, IHC-P: 5 ug/ml
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Immunogen:	This monoclonal antibody was raised against a peptide corresponding to amino acids 17-35 of human TRAIL. This peptide sequence has been shown to be involved in TRAIL and DR5 (TRAIL-R2) interaction.
Formulation:	PBS containing 0.05% BSA, 0.05% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Concentration:	0.5 mg/ml
Purification:	Protein G purified
Gene Name:	tumor necrosis factor superfamily member 10
Database Link:	<a href="#">NP_003801 Entrez Gene 8743 Human</a>
Background:	Apoptosis, or programmed cell death, occurs during normal cellular differentiation and development of multicellular organisms. Apoptosis is induced by certain cytokines including TNF and Fas ligand in the TNF family through their death domain containing receptors, TNFR1 and Fas. A novel member in the TNF family was recently identified and designated TRAIL (for TNF-related apoptosis-inducing ligand) and Apo-2L (for Apo-2 ligand) (6,7). TRAIL is a type II membrane protein and expressed in a variety of human tissues. Two novel death domain containing receptors DR4 and DR5 have been identified as the receptor for TRAIL3-6. Like TNF and Fas ligand, TRAIL induces apoptosis and NF-kB activation in many tissues and cells.
Synonyms:	Apo-2L; APO2L; CD253; TL2; TRAIL
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Apoptosis, Cytokine-cytokine receptor interaction, Natural killer cell mediated cytotoxicity

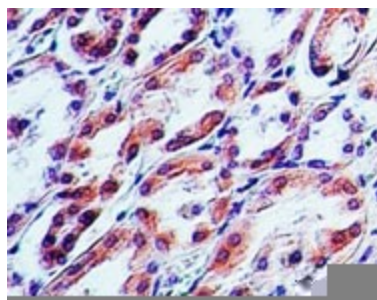


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## Product images:



Western Blot: TRAIL Antibody (55B709.3)  
TA336381 - Analysis of TRAIL in Jurkat lysate



Immunohistochemistry-Paraffin: TRAIL Antibody (55B709.3) TA336381 - Analysis of TRAIL in human kidney using TRAIL antibody at 5 ug/ml.