

Product datasheet for **AP31097PU-S**

Tnfsf10 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Sandwich ELISA: To detect Murine TRAIL by Sandwich ELISA (using 100µl/well antibody solution) a concentration of 0.5-2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated Anti-Mouse TRAIL (Cat.-No AP31097BT-N or AP31097BT-S) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant Mouse TRAIL. Western Blot: To detect Mouse TRAIL by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant Mouse TRAIL is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly pure recombinant Murine TRAIL.
Specificity:	Recognizes TRAIL.
Formulation:	PBS, pH 7.2 without preservatives State: Aff - Purified State: Lyophilized (sterile filtered) purified Ig fraction
Reconstitution Method:	Restore in sterile water to a concentration of 0.1-1.0 mg/ml.
Purification:	Affinity Chromatography employing an immobilized Murine TRAIL matrix
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	tumor necrosis factor (ligand) superfamily, member 10



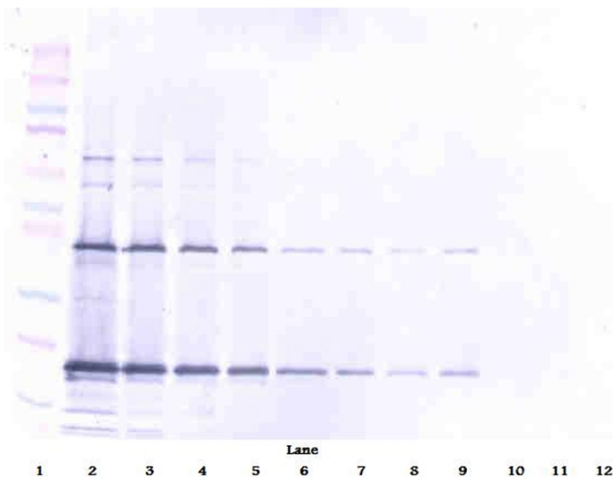
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Database Link: [Entrez Gene 22035 Mouse P50592](#)

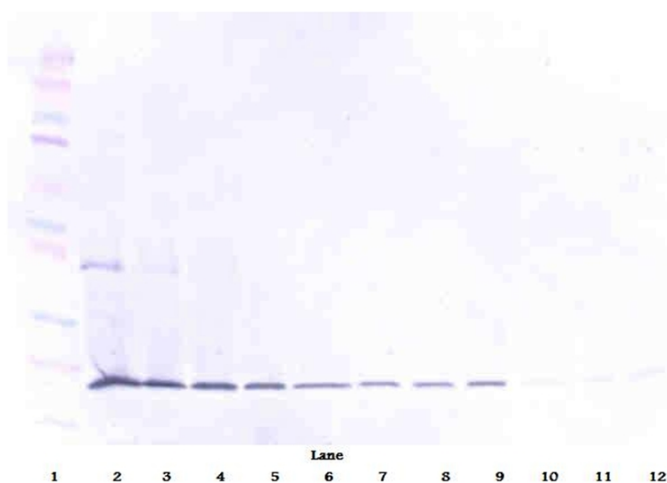
Background: TRAIL is a cytotoxic protein, which activates rapid apoptosis in tumor cells, but not in normal cells. TRAIL induced apoptosis is achieved through binding to two death-signaling receptors, DR4 and DR5. These receptors belong to the TNFR superfamily of transmembrane proteins and contain a cytoplasmic *Death domain* which activates the cell's apoptotic machinery.

Synonyms: Apo-2 ligand, TNFSF10, APO2L, Apo-2L

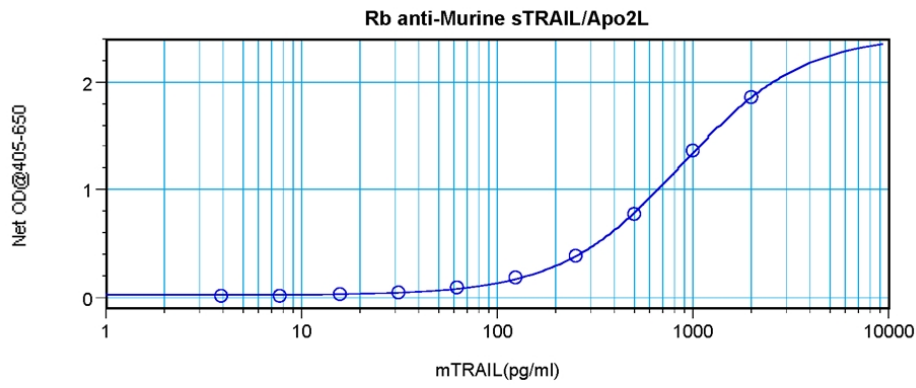
Product images:



Western Blot (Unreduced) using CD253 / TRAIL Antibody Cat.-No AP31097PU



Western Blot (Reduced) using CD253 / TRAIL Antibody Cat.-No AP31097PU



Sandwich ELISA using CD253 / TRAIL Antibody
Cat.-No AP31097PU