

Product datasheet for **PP1084B1**

TRAIL (TNFSF10) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ELISA, WB

Recommended Dilution: **ELISA**

Direct: To detect hTRAIL/Apo2L by direct ELISA (using 100 µl/well antibody solution) this antibody can be used at a concentration of 0.15-0.30 µg/ml. Used in conjunction with compatible secondary reagents, allows the detection of at least 0.2 ng/well of recombinant hTRAIL/Apo2L.

Sandwich: To detect hTRAIL/Apo2L by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.25-1.0 µg/ml of this antibody is required. This Biotinylated Polyclonal Antibody, in conjunction with Anti-Human TRAIL/Apo2L (PP1084P1 or PP1084P2) as a capture antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant hTRAIL/Apo2L.

Western Blot

To detect hTRAIL/Apo2L 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 hTRAIL/Apo2L is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.

Reactivity: Human

Host: Rabbit

Clonality: Polyclonal

Immunogen: Highly pure (>98%) recombinant hTRAIL/Apo2L (human TRAIL/Apo2L).

Specificity: This antibody reacts with Human TRAIL/Apo2L.

Formulation: PBS, pH 7.2 without preservatives.

Label: Biotin

State: Lyophilized (sterile filtered) purified Ig fraction.

Label: conjugated

Reconstitution Method: Restore in sterile PBS containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml.

Purification: Affinity Chromatography.

Conjugation: Biotin



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Storage:	Store the antibody prior to reconstitution at -20°C. Following reconstitution store at 2-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	tumor necrosis factor superfamily member 10
Database Link:	Entrez Gene 8743 Human P50591
Background:	TRAIL/Apo2L 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
Note:	Centrifuge vial prior to opening!