

Product datasheet for **PP1222B1**

TNFRSF1B Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Direct ELISA: To detect hsTNF Receptor II by direct ELISA (using 100 µl/well antibody solution) this antibody can be used at a concentration of ~1.0 µg/ml. This Biotin conjugated antibody allows the detection of at least 0.2-0.4 ng/well of recombinant hsTNF Receptor II. Sandwich ELISA: To detect hsTNF-receptor II by Sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.25-1.0 µg/ml of this antibody is required. This Biotin conjugated antibody, in conjunction with Affinity purified Anti-Human sTNF-receptor II (Cat.-No PP1222P) as a captor antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant hsTNF-receptor II. Western blot: To detect hsTNF Receptor II 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 hsTNF Receptor II is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly purified (>98%) E. coli derived recombinant hsTNF Receptor II (Human soluble Tumor Necrosis Factor Receptor II).
Specificity:	This antibody recognizes Human soluble TNF Receptor II. Other species not tested.
Formulation:	PBS, pH 7.2 without preservatives Label: Biotin State: Lyophilized Sterile filtered purified Ig fraction Label: conjugated
Reconstitution Method:	Restore to a concentration of 0.1-1 mg/ml with sterile PBS solution containing 0.1% BSA.
Purification:	Affinity Chromatography.
Conjugation:	Biotin



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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 receptor superfamily member 1B
Database Link:	Entrez Gene 7133 Human P20333
Background:	<p>Tumor Necrosis Factor (TNF) is a cytokine whose function is mediated through two distinct cell surface receptors (TNF Receptor I and TNF Receptor II) that are included in the TNF receptor superfamily along with FAS antigen and CD40. TNF receptors I and II are membrane glycoproteins and they are from the family of cell surface molecules including nerve growth factor receptor, Fas/Apo1, CD30, OX40, and 4-1BB, which are characterized by cysteine rich motifs in the extracellular domain.</p> <p>TNF Receptor II (p75, CD120b) is present on most cell types (including monocytes, endothelial cells, Langerhans cells, and macrophages) and is considered to play a role in cell stimulation by TNF alpha. TNF Receptor II molecule is shown to be responsible for stimulation of activated T lymphocytes by TNF alpha.</p>
Synonyms:	Tumor necrosis factor receptor 2, p80 TNF-alpha receptor, TNFRSF1B, TNFBR, TNF-R2