

Product datasheet for **PP1222P1**

TNFRSF1B Rabbit Polyclonal Antibody

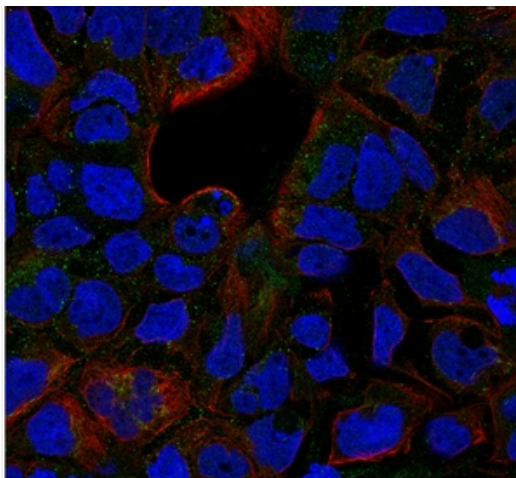
Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, WB
Recommended Dilution:	Sandwich ELISA: To detect hsTNF-receptor II by Sandwich ELISA (using 100 µl/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 a biotinylated Anti-Human sTNF-receptor II (Cat.-No PP1222B) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant hsTNF-receptor II. Western Blot: 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. Neutralization: To yield one-half maximal inhibition [ND ₅₀] of the biological activity of Human sTNF Receptor-II (0.5 µg/ml) a concentration of 15.0-20.0 µg/ml of this antibody is required. Immunostaining: This antibody stained PC-3 and CaCo-2 cells. The primary antibody was incubated at 3.0 mg/ml overnight at 4°C followed by a fluorescent labeled secondary antibody. <i>Information is courtesy of the Cell Profiling group, SciLifeLab Stockholm.</i>
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly purified (>98%) <i>E. coli</i> 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 State: Aff - Purified State: Lyophilized Sterile filtered purified Ig fraction
Reconstitution Method:	Centrifuge vial prior to opening. Restore in sterile water to a concentration of 0.1-1.0 mg/ml.
Purification:	Affinity Chromatography employing immobilized hsTNF Receptor II matrix.
Conjugation:	Unconjugated



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- Storage:** Prior to reconstitution store at 2-8°C.
Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.
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:** 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.
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.
- Synonyms:** Tumor necrosis factor receptor 2, p80 TNF-alpha receptor, TNFRSF1B, TNFBR, TNF-R2

Product images:

Immunohistochemistry using CD120b / TNFR2 antibody Cat.-No [PP1222P]