

Product datasheet for **PP1072P1**

LTA Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, FN, WB
Recommended Dilution:	Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of hTNF-beta (0.12 ng/ml), a concentration of 0.002-0.004 µg/ml of this antibody is required. ELISA: (Indirect): To detect hTNF-β by indirect 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 compatible secondary reagents, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hTNF-β. (Sandwich): To detect hTNF-β 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 Biotinylated Anti-Human TNF-β (PP1072B) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hTNF-β. Western Blot: To detect hTNF-β 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 hTNF-β is 1.5-3.0 ng/lane, under either reducing non-reducing conditions.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly pure (>98%) recombinant hTNF-beta (human Tumor Necrosis Factor-beta).
Specificity:	This antibody reacts with Tumor Necrosis Factor beta.
Formulation:	PBS, pH 7.2 without preservatives. State: Aff - Purified State: Lyophilized purified Ig fraction.
Reconstitution Method:	Restore in sterile water to a concentration of 0.1-1.0 mg/ml
Purification:	Affinity chromatography.
Conjugation:	Unconjugated



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Storage:	Store the antibody prior to reconstitution at -20°C. Following reconstitution the antibody can be stored 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:	lymphotoxin alpha
Database Link:	Entrez Gene 4049 Human P01374
Synonyms:	TNFB, TNFSF1, LTA, LT-alpha
Note:	Centrifuge vial prior to opening!