

## Product datasheet for **AP01148PU-N**

### IL17B Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	<b>Indirect ELISA:</b> : To detect hIL-17B (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. In conjunction with compatible secondary reagents, it allows the detection of at least 0.2 - 0.4 ng/well of recombinant hIL-17B. <b>Sandwich ELISA:</b> To detect hIL-17B (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. In conjunction with Biotinylated Anti-Human IL-17B as a detection antibody, it allows the detection of at least 0.2 - 0.4 ng/well of recombinant hIL-17B. <b>Western blot:</b> To detect hIL-17B 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 hIL-17B is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly pure (> 98%) E.coli derived 36.6 kDa recombinant human IL-17B
Specificity:	This antibody detects Interleukin-17 beta.
Formulation:	PBS, pH 7.2 without preservatives State: Aff - Purified State: Sterile filtered lyophilized Ig fraction
Reconstitution Method:	Centrifuge vial prior to opening. Restore in sterile water to a concentration of 0.1 - 1.0 mg/ml.
Purification:	Immunoaffinity chromatography
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.



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**Gene Name:** interleukin 17B

**Database Link:** [Entrez Gene 27190 Human Q9UHF5](#)

**Background:** IL17B is a non disulfide-linked homodimer of two 161 amino acid polypeptide chains. It belongs to the IL17 family of structurally-related cytokines that share a highly conserved C-terminal region but differ from one another in their N-terminal regions and in their distinct biological roles. The six known members of this family, IL17A through IL17F, are secreted as homodimers. IL17B is expressed by T-cells and has been shown to stimulate release of TNF-alpha and IL-1beta from cells of the monocyte lineage.

**Synonyms:** IL-17B, IL20, NIRF, ZCYTO7, Neuronal interleukin-17-related factor, Interleukin-20

**Protein Families:** Druggable Genome, Secreted Protein

**Protein Pathways:** Cytokine-cytokine receptor interaction