

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

### IL17B Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	<p><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.</p> <p><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.</p> <p><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.</p>
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:	<p>PBS, pH 7.2 without preservatives</p> <p>State: Aff - Purified</p> <p>State: Sterile filtered lyophilized Ig fraction</p>
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:	<p>Store lyophilized at 2-8°C for 6 months or at -20°C long term.</p> <p>After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term.</p> <p>Avoid repeated freezing and thawing.</p>
Stability:	Shelf life: one year from despatch.



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<b>Gene Name:</b>	interleukin 17B
<b>Database Link:</b>	<a href="#">Entrez Gene 27190 Human Q9UHF5</a>
<b>Background:</b>	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.
<b>Synonyms:</b>	IL-17B, IL20, NIRF, ZCYTO7, Neuronal interleukin-17-related factor, Interleukin-20
<b>Protein Families:</b>	Druggable Genome, Secreted Protein
<b>Protein Pathways:</b>	Cytokine-cytokine receptor interaction