

Datasheet for ABIN181689
anti-IL17B antibody (Biotin)[Go to Product page](#)

4 Images

Overview

Quantity:	50 µg
Target:	IL17B
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL17B antibody is conjugated to Biotin
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Highly pure (> 98 %) recombinant human IL-17 beta
Specificity:	This antibody detects Human Interleukin-17 beta. Other species not tested.
Purification:	Affinity chromatography

Target Details

Target:	IL17B
Alternative Name:	Interleukin-17B / IL17B (IL17B Products)
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-

Target Details

	alpha and IL-1beta from cells of the monocyte lineage.Synonyms: IL-17B, IL20, Interleukin-20, NIRF, Neuronal interleukin-17-related factor, ZCYT07
Gene ID:	27190
NCBI Accession:	NP_055258
UniProt:	Q9UHF5

Application Details

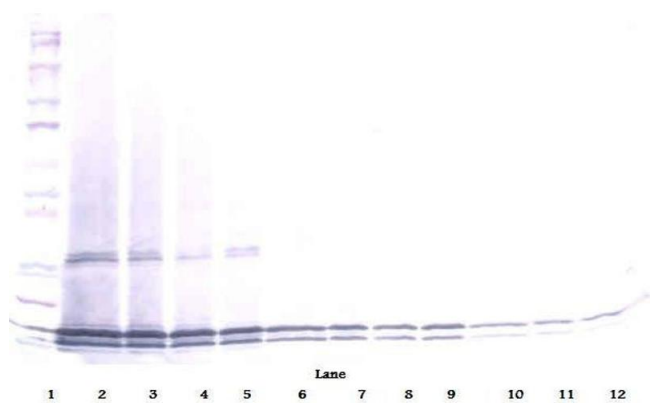
Application Notes:	<p>ELISA: Direct: To detect hIL-17B (using 100 µL/well antibody solution) a concentration of 0.25 - 1.0 µg/mL of this antibody is required. In conjunction with compatible secondary reagents, it allows the detection of at least 0.2 - 0.4 ng/well of recombinant hIL-17B. Sandwich: To detect hIL-17B (using 100 µL/well antibody solution) a concentration of 0.25 - 1.0 µg/mL of this antibody is required. In conjunction with Polyclonal Anti-Human IL-17B as a capture antibody, it allows the detection of at least 0.2 - 0.4 ng/well of recombinant hIL-17B. Western blot: 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> <p>Other applications not tested.</p> <p>Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Restrictions:	For Research Use only

Handling

Reconstitution:	Restore in sterile PBS containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL.
Buffer:	PBS, pH 7.2
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store the lyophilized antibody at -20 °C. Following reconstitution it is stable for two weeks at 2 - 8 °C. Frozen aliquots are stable for 6 months when stored at -20 °C.
Expiry Date:	6 months

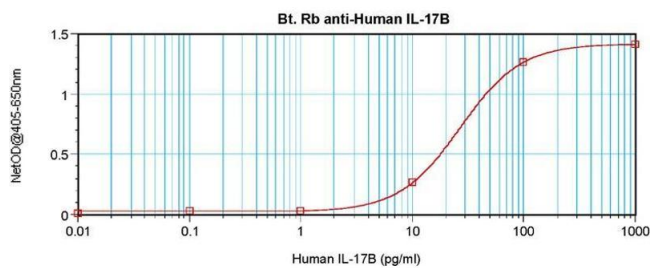
Western Blotting

Image 1. Western Blot (Unreduced) using Biotin conjugated anti-Interleukin-17B / IL17B antibody



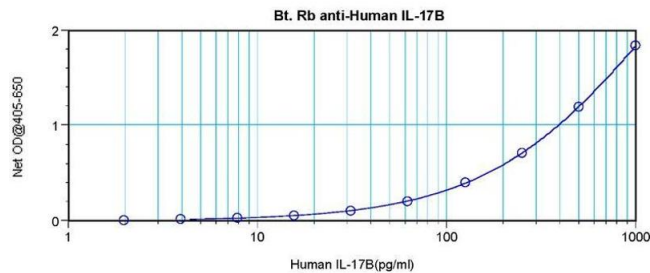
Enzyme Immunoassay

Image 2. Direct ELISA using Biotin conjugated anti-Interleukin-17B / IL17B antibody



Enzyme Immunoassay

Image 3. Sandwich ELISA using Biotin conjugated anti-Interleukin-17B / IL17B antibody



Please check the [product details page](#) for more images. Overall 4 images are available for ABIN181689.