

Datasheet for ABIN116483 **anti-IL-22 antibody (Biotin)**



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Overview

Quantity:	25 µg
Target:	IL-22 (IL22)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL-22 antibody is conjugated to Biotin
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Highly pure (>98%) E.coli derived recombinant Human IL-22 (hIL-22).
Specificity:	Recognizes Human Interleukin-22 (IL-22).
Purification:	Affinity Chromatography.

Target Details

Target:	IL-22 (IL22)
Alternative Name:	Interleukin-22 / IL22 (IL22 Products)
Background:	IL22 is a cytokine structurally related to IL10 and is upregulated in activated T cells. IL22 signals through a receptor complex that includes CRF2-4 and a new member of the class II cytokine receptor family (also known as the interferon receptor family), IL22R. CRF2-4 has previously been demonstrated to be a functional component of the IL-10 signaling complex. IL22 is able to suppress IL4 production, this may have therapeutic potential, particularly in the treatment of

Target Details

	asthma.Synonyms: Cytokine Zcyto18, IL-10-related T-cell-derived-inducible factor, IL-22, ILTIF
Gene ID:	50616
NCBI Accession:	NP_065386
UniProt:	Q9GZX6

Application Details

Application Notes:	ELISADirect: To detect Human IL-22 by direct ELISA (using 100 µL/well) a concentration of approx. 1.0 µg/mL of this antibody is required. The Biotinylated antibody allows the detection of atleast 0.2-0.4 ng/well of recombinant Human IL-22. Sandwich: To detect Human IL-22 by Sandwich ELISA (using 100 µL/well) a concentration of 0.25-1.0 µg/mL of this antibody is required. The Biotinylated antibody, in conjunction with anti-Human IL22 (PP1224P1 or PP1224P2) as a capture antibody, allows the detection of atleast 0.2-0.4 ng/well of recombinant Human IL-22. Western blot: To detect Human IL-22 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 Human IL-22 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Reconstitution:	Restore with sterile PBS solution containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL.
Buffer:	PBS, pH 7.2 without preservatives.
Preservative:	Without preservative
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	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.