

Datasheet for ABIN116491 **anti-IL-22 antibody (Biotin)**

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Overview

Quantity:	25 µg
Target:	IL-22 (IL22)
Reactivity:	Mouse
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%) recombinant mIL-22 (murine Interleukin-22)
Specificity:	This antibody recognizes murine IL-22. Not tested in other species.
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:	50929
NCBI Accession:	NP_058667
UniProt:	Q9JJY9

Application Details

Application Notes:	ELISA: Direct - To detect mIL-22 by direct ELISA (using 100 l/well antibody solution) this antibody can be used at a concentration of 0.25 - 1.0 µg/mL, allows the detection of at least 0.2 - 0.4 ng/well of recombinant mIL-22. Sandwich - To detect mIL-22 by sandwich ELISA (using 100 l/well antibody solution), a concentration of 0.25 - 1.0 µg/mL of this antibody is required. In conjunction with apolyclonal anti-murine IL-22 (PP1226P) as the capture antibody at least 0.2 - 0.4 ng/well of recombinant mIL-22 can be detected. Western blot: To detect mIL-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 mIL-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:	Centrifuge vial prior to opening. Restore with sterile PBS solution containing 0.1 % BSA to a concentration of 0.1 - 1.0 mg/mL.
Buffer:	BPS, pH 7.2, without preservatives
Preservative:	Without preservative
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	The lyophilized antibody is stable at -20 °C for one year from despatch. The reconstituted antibody can be stored for two weeks at 2-8 °C. Frozen aliquots are stable for six months when stored at -20 °C.
Expiry Date:	12 months