

Product datasheet for **PP1226P1**

IL22 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ELISA, WB

Recommended Dilution: **ELISA**

Indirect: To detect mIL-22 by direct ELISA (using 100 µl/well antibody solution) a concentration of at least 0.5 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of 0.2-0.4 ng/well of recombinant mIL-22.

Sandwich: To detect mIL-22 by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5-2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated Anti-Murine IL-22 (PP1226B1 or PP1226B2) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant mIL-22.

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.

Reactivity: Mouse

Host: Rabbit

Clonality: Polyclonal

Immunogen: Highly pure (>98%) recombinant mIL-22 (murine Interleukin-22).

Specificity: This antibody recognizes murine IL-22.

Formulation: PBS, pH 7.4 without preservatives.

State: Aff - Purified

State: Lyophilized purified Ig fraction.

Reconstitution Method: Restore in sterile water to a concentration of > 0.2 mg/ml.

Purification: Affinity Chromatography.

Conjugation: Unconjugated

Storage: 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.

Avoid repeated freezing and thawing.



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Gene Name:	interleukin 22
Database Link:	Entrez Gene 50929 Mouse Q9JJY9
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 asthma.
Synonyms:	IL-22, ILTIF, Cytokine Zcyto18
Note:	Centrifuge vial prior to opening!