

Product datasheet for **PP1091P1**

CXCL11 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, FN, WB
Recommended Dilution:	Neutralization: To yield one-half maximal inhibition [NND50] of the biological activity of hI-TAC (100 ng/ml), a concentration of 7.0-8.0 µg/ml of this antibody is required. ELISA: To detect hI-TAC by direct ELISA (using 100µl/well antibody solution) a concentration of at least 0.5µg/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 hI-TAC. Western Blot: To detect hI-TAC 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 hI-TAC is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly pure (>98%) recombinant hI-TAC.
Specificity:	This antibody reacts with Human I-TAC
Formulation:	PBS, pH 7.2 without preservatives. State: Aff - Purified State: Lyophilized purified Ig fraction.
Reconstitution Method:	Restore in sterile water to a concentration of 0.1-1.0 mg/ml.
Purification:	Affinity chromatography.
Conjugation:	Unconjugated
Storage:	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. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	C-X-C motif chemokine ligand 11



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Database Link: [Entrez Gene 6373 Human O14625](#)

Background: This member of the the intercrine alpha (chemokine Cx_C) family is chemotactive for interleukin-activated T cells but not unstimulated T cells, neutrophils or monocytes. It induces calcium release in activated T cells and binds to CXCR3. It may play an important role in CNS diseases which involve T cell recruitment and in skin immune responses. It is expressed at high levels in peripheral blood leukocytes, pancreas and liver astrocytes and at moderate levels in thymus, spleen and lung. It is induced by interferon gamma and interferon beta.

Synonyms: C-X-C motif chemokine 11, Small-inducible cytokine B11, H174, Beta-R1, IP-9, I-TAC, SCYB11, SCYB9B

Note: Centrifuge vial prior to opening!