

Product datasheet for **PP1003P1**

CXCL5 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, FN, WB
Recommended Dilution:	Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of hENA-78 (1.0 ng/ml), a concentration of 15-20 µg/ml of this antibody is required. Sandwich ELISA: To detect hENA-78 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-Human ENA-78 (PP1003B) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant hENA-78. Western Blot: To detect hENA-78 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 hENA-78 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly pure (>98%) <i>E.coli</i> derived Recombinant Human ENA-78 (CXCL5) (5-78 a.a.).
Specificity:	Human ENA-78 / CXCL5.
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 employing immobilized hENA-78 matrix.
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	C-X-C motif chemokine ligand 5



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Database Link: [Entrez Gene 6374 Human P42830](#)

Background: CXCL5 is a 9.9kD inflammatory chemokine that belongs to the CXC chemokine family. CXCL5 is expressed by fibroblasts, is induced by bacterial lipopolysaccharides, and is chemotactic for neutrophils. This chemokine is produced concomitantly with Interleukin 8 (IL8) in response to stimulation with either Interleukin 1 (IL1) or Tumor Necrosis Factor alpha (TNFA). This chemokine is a potent chemotaxin involved in neutrophil activation.

Synonyms: C-X-C motif chemokine 5, Small-inducible cytokine B5, ENA-78, SCYB5, Cytokine LIX

Note: Centrifuge vial prior to opening!