

## Product datasheet for **PP1012P2**

### GCP2 (CXCL6) 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 hGCP-2 (100.0 ng/ml), a concentration of 2.0-5.0 µg/ml of this antibody is required. ELISA: To detect hGCP-2 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 hGCP-2. Western Blot: To detect hGCP-2 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 hGCP-2 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 hGCP-2.
Specificity:	Human Granulocyte Chemoattractant Protein 2 (hGCP-2)
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 6



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<b>Database Link:</b>	<a href="#">Entrez Gene 6372 Human P80162</a>
<b>Background:</b>	Neutrophil recruitment to inflammatory sites is mediated by two related receptors: CXCR1 and CXCR2. Both receptors share two ligands, interleukin-8 (CXCL8) and GCP2 (CXCL6). GCP2 belongs to the intercrine alpha (chemokine Cx) family.
<b>Synonyms:</b>	C-X-C motif chemokine 6, Small-inducible cytokine B6, Granulocyte chemotactic protein 2, Chemokine alpha 3, SCYB6, CKA-3, CKA-3
<b>Note:</b>	Centrifuge vial prior to opening!