

## Product datasheet for **PP1014B1**

### GRO gamma (CXCL3) Rabbit Polyclonal Antibody

#### Product data:

Product Type: Primary Antibodies

Applications: ELISA, WB

Recommended Dilution: **ELISA:**

Direct: To detect hGRO-gamma by direct ELISA (using 100 µl/well antibody solution) this antibody can be used at a concentration of 1.0 µg/ml. Used in conjunction with compatible secondary reagents, allows the detection of at least 0.2-0.4 ng/well of recombinant hGRO-gamma.

Sandwich: To detect hGRO-gamma by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.25–1.0 µg/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with Polyclonal Anti-Human GRO-gamma (PP1014P1 or PP1014P2) as a capture antibody, allows the detection of at least 0.2–0.4 ng/well of recombinant hGRO-gamma.

#### **Western blot**

To detect hGRO-gamma 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 hGRO-gamma is 1.5-3.0 ng/lane, under either recombinant hGRO-gamma.

Reactivity: Human

Host: Rabbit

Clonality: Polyclonal

Immunogen: Highly pure (>98%) recombinant hGRO-gamma (human GRO-gamma).

Specificity: Human Growth Related Oncoprotein gamma (GRO gamma).

Formulation: PBS, pH 7.2 without preservatives.

Label: Biotin

State: Lyophilized purified Ig fraction.

Label: conjugated

Reconstitution Method: Restore in sterile PBS containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml.

Purification: Affinity Chromatography.

Conjugation: Biotin



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<b>Storage:</b>	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.
<b>Stability:</b>	Shelf life: One year from despatch.
<b>Gene Name:</b>	C-X-C motif chemokine ligand 3
<b>Database Link:</b>	<a href="#">Entrez Gene 2921 Human P19876</a>
<b>Background:</b>	Growth Regulated Protein gamma (GRO gamma) is a cytokine that may play a role in inflammation and affects endothelial cells in an autocrine fashion. It belongs to the intercrine alpha family (small cytokine c-x-c) (chemokine cxc).
<b>Synonyms:</b>	C-X-C motif chemokine 3, GRO-gamma, GRO3, GROG, SCYB3, MIP2-beta
<b>Note:</b>	Centrifuge vial prior to opening!