

## Product datasheet for **PP1205P1**

### Cxcl16 Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	ELISA: To detect mCXCL16 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 mCXCL16. Western Blot: To detect mCXCL16 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 mCXCL16 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Highly pure (>98%) recombinant mCXCL16 (murine CXCL16).
Formulation:	0.5 X 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 employing immobilized mCXCL16 matrix.
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:	chemokine (C-X-C motif) ligand 16
Database Link:	<a href="#">Entrez Gene 66102 Mouse</a> <a href="#">Q8BSU2</a>



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**Background:** CXCL16 acts as a scavenger receptor on macrophages, which specifically binds to OxLDL (oxidized low density lipoprotein), suggesting that it may be involved in pathophysiology such as atherogenesis. It induces a strong chemotactic response and calcium mobilization. It binds to CXCR6/Bonzo.

**Synonyms:** C-X-C motif chemokine 16, Small-inducible cytokine B16, SR-PSOX, SCYB16, SRPSOX