

**PP1205B1****Polyclonal Antibody to CXCL16 - Biotin****Alternate names:**

C-X-C motif chemokine 16, SCYB16, SR-PSOX, SRPSOX, Scavenger receptor for phosphatidylserine and oxidized low density lipoprotein, Small-inducible cytokine B16, Transmembrane chemokine CXCL16

**Quantity:**

25 µg

**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.

**Uniprot ID:**

[Q8BSU2](#)

**NCBI:**

[NP\\_075647.3](#)

**GenElD:**

[66102](#)

**Host:**

Goat

**Immunogen:**

Highly pure (>98%) recombinant mCXCL16.

**Format:**

**State:** Lyophilized purified Ig fraction.

**Purification:** Affinity chromatography.

**Buffer System:** PBS, pH 7.4 without preservatives.

**Label:** Biotin

**Reconstitution:** Restore to a concentration of 50 µg/ml with sterile PBS solution containing 0.1% BSA

**Applications:**

**ELISA:** To detect mCXCL16 by direct ELISA (using 100 µl/well antibody solution) this antibody can be used at a concentration of 0.15-0.30 µg/ml. Used in conjunction with compatible secondary reagents, allows the detection of at least 0.2 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.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

**Specificity:**

**Species:** Mouse.

Other species not tested.

**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.

Shelf life: one year from despatch.