

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-888-267-4436 Fax: +1-301-340-8606 techsupport@origene.com

OriGene Technologies GmbH

Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info-de@origene.com

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:	<u>Q8BSU2</u>
NCBI:	<u>NP_075647.3</u>
GenelD:	<u>66102</u>
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 μ l/well antibody solution) this antibody can be used at a concentration of 0.15-0.30 μ g/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 μ g/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.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.