

## CXCL16

### Goat Anti-Mouse CXCL16 Affinity Purified pAb

<b>Catalog No.</b>	CPC106	<b>Quantity:</b>	100 µg
<b>Alternate Names:</b>	CXCLG16, SCYB16, SR-PSOX		
<b>Description:</b>	Goat Anti-mouse CXCL16 polyclonal antibody. CXCL16, a member of the CXC chemokine family, signals through the CXCR6 receptor. CXCL16 may play a role in attracting lymphocyte subsets during inflammation and may facilitate certain immune responses. The chemokine domain of CXCL16 contains six cysteine residues including the four highly conserved cysteine residues characteristic of CXC chemokines. The CXCL16 gene codes for a 273 amino acid polypeptide, which includes a 29 amino acid cytoplasmic domain and transmembrane sequence containing approximately 20 amino acids. The extracellular portion of CXCL16 contains a chemokines domain and an extended C-terminal "mucin-like stalk" sequence. The extracellular domain contains 89 amino acid residues (86 a.a. residues for the murine homolog). Recombinant murine CXCL16 is a 9.9 kDa protein containing 88 amino acid residues.		
<b>Gene ID:</b>	66102		
<b>UniProtKB:</b>	Q8BSU2		
<b>Specificity:</b>	Recognizes mouse CXCL16		
<b>Host:</b>	Goat		
<b>Immunogen:</b>	Recombinant mouse CXCL16		
<b>Isotype:</b>	IgG		
<b>Conjugate:</b>	Unconjugated		
<b>Formulation:</b>	Lyophilized from PBS, pH 7.2		
<b>Purification:</b>	Affinity chromatography on immobilized mCXCL16 matrix		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Add sterile distilled water to the vial to fully solubilize the antibody to a concentration of 0.1-1.0 mg/mL.		
<b>Applications:</b>	Western Blot, ELISA		
<b>Application Notes:</b>	<p><b>Western Blot</b>, when used at a concentration of 0.1-0.2 µg/mL in conjunction with compatible secondary reagents, the detection limit is 1.5-3.0 ng/lane under either reducing or non-reducing conditions.</p> <p><b>ELISA</b>, when used at a concentration of 0.5-2.0 µg/mL, in conjunction with compatible secondary reagents, allows the detection of at least 0.2-0.4 ng/well</p> <p><b>Sandwich ELISA</b>, when used at a concentration of 0.5-2.0 µg/mL, in conjunction with compatible secondary reagents, allows the detection of at least 0.2-0.4 ng/well. The optimal concentration should be determined by the user for each specific application.</p>		
<b>Storage &amp; Stability:</b>	Upon receipt, store desiccated at -20 °C for up to two years. Upon reconstitution store at 2-8 °C for up to two weeks or in aliquots at -20 °C for up to 6 months. <b>Avoid repeated freeze-thaw cycles.</b>		



# cellsciences.com

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



**Cell Sciences®**

65 Parker Street

Unit 11

Newburyport, MA 01950

Toll Free: 888-769-1246

Phone: 978-572-1070

Fax: 978-992-0298

E-mail: [info@cellsciences.com](mailto:info@cellsciences.com)

Website: [www.cellsciences.com](http://www.cellsciences.com)