

CXCL16

Goat Anti-Mouse CXCL16 Affinity Purified pAb

Catalog No.	CPC106	Quantity:	100 µg
Alternate Names:	CXCLG16, SCYB16, SR-PSOX		
Description:	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.		
Gene ID:	66102		
UniProtKB:	Q8BSU2		
Specificity:	Recognizes mouse CXCL16		
Host:	Goat		
Immunogen:	Recombinant mouse CXCL16		
Isotype:	IgG		
Conjugate:	Unconjugated		
Formulation:	Lyophilized from PBS, pH 7.2		
Purification:	Affinity chromatography on immobilized mCXCL16 matrix		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water to the vial to fully solubilize the antibody to a concentration of 0.1-1.0 mg/mL.		
Applications:	Western Blot, ELISA		
Application Notes:	<p>Western Blot, 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>ELISA, 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>Sandwich ELISA, 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>		
Storage & Stability:	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. Avoid repeated freeze-thaw cycles.		



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