

Goat Anti-Rat SCF Affinity Purified pAb

Catalog No.	CPS112	Quantity:	100 µg
Alternate Names:	KITLG, Gb, KI2, MGF, SCF, SF, SI, SLF		
Description:	Produced from sera of goats pre-immunized with highly pure (>98%) recombinant rat SCF. Anti-rat SCF specific antibody was purified by affinity chromatography employing immobilized rat SCF matrix.		
Specificity:	Recognizes Rat SCF		
Host:	Goat		
Immunogen:	Recombinant Rat SCF		
Formulation:	Lyophilized from PBS, pH 7.2		
Purification:	Affinity chromatography		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water to the vial to fully solubilize the antibody to a concentration of 0.2 mg/ml.		
Applications:	<p>Western Blot: To detect rat SCF 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 rat SCF is 1.5-3.0ng/lane, under either reducing or non-reducing conditions.</p> <p>Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of rat SCF(15 ng/ml), a concentration of 0.08-0.12 µg/ml of this antibody is required.</p> <p>ELISA: To detect rat SCF by direct ELISA (using 100µl/well antibody solution) a concentration of at least 0.5µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of recombinant rat SCF.</p> <p>The optimal concentration should be determined by the user for each specific application.</p>		
Storage & Stability:	The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile water to a concentration of 0.2 mg/ml the antibody is stable for at least six weeks at 2-4°C.		

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