

## Product datasheet for **PP1216P1**

### Kitlg Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, Neutralize, WB
Recommended Dilution:	<b>Neutralization:</b> To yield one-half maximal inhibition [ND50] of the biological activity of Rat SCF (50.0 ng/ml), a concentration of 1.2-1.8 µg/ml of this antibody is required. <b>Indirect ELISA:</b> To detect Rat SCF by indirect ELISA (using 100 µl/well antibody solution) a concentration of 0.5-2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2-0.4 ng/well of recombinant Rat SCF. <b>Sandwich ELISA:</b> To detect Rat SCF by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5-2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotin conjugated Anti-Rat SCF (PP1216B1 or PP1216B2) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant Rat SCF. <b>Western Blot:</b> 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 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly pure (>98%) recombinant Rat SCF.
Specificity:	Recognizes Rat SCF
Formulation:	PBS, pH 7.2 without preservatives. State: Aff - Purified State: Lyophilized (sterile filtered) purified Ig fraction.
Reconstitution Method:	Centrifuge vial prior to opening. Restore in sterile water to a concentration of 0.1-1.0 mg/ml.
Purification:	Affinity Chromatography employing an immobilized Rat SCF matrix.
Conjugation:	Unconjugated



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<b>Storage:</b>	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.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Gene Name:</b>	KIT ligand
<b>Database Link:</b>	<a href="#">Entrez Gene 60427 Rat P21581</a>
<b>Synonyms:</b>	KITL, Kit ligand, c-Kit ligand, Stem cell factor, Mast cell growth factor, MGF