

Product datasheet for **PP1106B1**

SCGF (CLEC11A) (beta) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Direct ELISA: To detect Human SCGF-Beta by Direct ELISA (using 100 µl/well) a concentration of ~1.0 µg/ml of this antibody is required. This Biotinylated antibody allows the detection of at least 0.2-0.4 ng/well of recombinant Human SCGF-Beta. Sandwich ELISA: To detect Human SCGF-Beta by Sandwich ELISA (using 100 µl/well) this antibody can be used at a concentration of 0.25-1.0 µg/ml. Used in conjunction with purified anti-Human SCGF beta antibody (PP1106P1 or PP1106P2) as a Capture antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant Human SCGF-Beta. Western Blot: To detect Human SCGF-Beta 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 hSCGF-Beta is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Highly pure (>98%) recombinant human SCGF-beta.
Specificity:	Stem Cell Growth Factor beta (SCGF-beta)
Formulation:	PBS, pH 7.2 without preservatives. Label: Biotin State: Lyophilized (sterile filtered) purified Ig fraction. Label: conjugated
Reconstitution Method:	Restore in sterile PBS containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml.
Purification:	Affinity Chromatography.
Conjugation:	Biotin
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.
Stability:	Shelf life: One year from despatch.



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Gene Name:	C-type lectin domain family 11 member A
Database Link:	Entrez Gene 6320 Human Q9Y240
Background:	This cytokine stimulates the proliferation and differentiation of hematopoietic precursor cells from various lineages, including erythrocytes, lymphocytes, granulocytes and macrophages. It acts synergistically with other cytokines, including IL3, GCSF, GMCSF and FLT3 ligand and suppresses SCF-stimulated erythrocyte proliferation.
Synonyms:	Stem cell growth factor, CLECSF3, LSLCL
Note:	Centrifuge vial prior to opening!
Protein Families:	Druggable Genome, Secreted Protein