

bs-17284R**[Primary Antibody]****SCGF Rabbit pAb****BioSS**
ANTIBODIES

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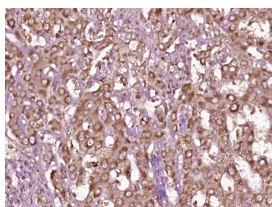
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)
Clonality: Polyclonal		
GeneID: 6320	SWISS: Q9Y240	
Target: SCGF		Reactivity: Human
Immunogen: KLH conjugated synthetic peptide derived from human SCGF: 101-200/323.		
Purification: affinity purified by Protein A		Predicted MW.: 34 kDa
Concentration: 1mg/ml		Subcellular Location: Secreted ,Cytoplasm
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: SCGF is a cytokine for primitive hematopoietic progenitor cells and exhibits species-specific activity. It is predominantly expressed in proliferating chondrocytes, bone marrow cells, the periosteum and the perichondrium of skeletal tissues. SCGF contains an N-terminal Arg-Gly-Asp triplet (RGD triplet), leucine zipper domains, a C-terminal C-type lectin domain and numerous potential glycosylation sites. It has burst-promoting activity and granulocyte/macrophage colony-promoting activity in vitro. SCGF is directly correlated to granulocyte recovery following stem cell transplantation and thus can be an indicator of hematopoietic recovery following stem cell transplantation.		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (human liver carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (SCGF) Polyclonal Antibody, Unconjugated (bs-17284R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.