

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human SCGF/CLEC11a in Western blots.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	recombinant human SCGF- β Gly19-Phe245 Accession # BAA21499
Formulation	Lyophilized from a 0.2 μ m filtered solution in PBS with BSA as a carrier protein. See Certificate of Analysis for details.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	Recommended Concentration	Sample
Western Blot	0.1 μ g/mL	Recombinant Human SCGF/CLEC11a

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

SCGF is a secreted sulfated glycoprotein that belongs to the C-type lectin superfamily and is expressed primarily in hematopoietic tissues. It functions as a growth factor for primitive hematopoietic progenitor cells. SCGF- β is a truncated variant of SCGF that has a 78 amino acid residue deletion and lacks a functional calcium-dependent carbohydrate-recognition domain.