

Datasheet for ABIN116317 **anti-CLEC11A antibody**

[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	CLEC11A
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CLEC11A antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA), Functional Studies (Func)

Product Details

Immunogen:	Highly pure (>98%) recombinant hSCGF-beta (human Stem Cell Growth Factor beta).
Specificity:	Stem Cell Growth Factor beta (SCGF-beta)
Purification:	Affinity chromatography.

Target Details

Target:	CLEC11A
Alternative Name:	SCGF / CLEC11A (CLEC11A Products)
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: C-type lectin domain family 11 member A, C-type lectin superfamily member 3, CLECSF3, LSLCL, Lymphocyte secreted C-type

Target Details

	lectin, Stem cell growth factor, p47
Gene ID:	6320
NCBI Accession:	NP_002966
UniProt:	Q9Y240

Application Details

Application Notes:	Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of Human SCGF-beta (30.0 ng/mL), a concentration of 2.5-5.0 µg/mL of this antibody is required. Sandwich ELISA: To detect Human SCGF-beta 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 Biotinylated anti-Human SCGF-beta (PP1106B1 or PP1106B2) as a detection 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 Human SCGF-beta is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Reconstitution:	Restore in sterile water to a concentration of 0.1-1.0 mg/mL
Buffer:	PBS, pH 7.2 without preservatives.
Preservative:	Without preservative
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody at 2-8 °C for up to one month or (in aliquots) at -20 °C for longer.