

For Research Use Only

CoraLite® Plus 488-conjugated PROS1 Polyclonal antibody



Catalog Number: CL488-16910

Basic Information

Catalog Number: CL488-16910	GenBank Accession Number: BC015801	Purification Method: Antigen affinity purification
Size: 1000 µg/ml	GeneID (NCBI): 5627	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Source: Rabbit	UNIPROT ID: P07225	
Isotype: IgG	Full Name: protein S (alpha)	
Immunogen Catalog Number: AG10539	Calculated MW: 75 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human, mouse

Background Information

PROS1, also named as Vitamin K-dependent protein S, is a 676 amino acid protein, which contains 4 EGF-like domains, contains one Gla (gamma-carboxy-glutamate) domain and contains 2 laminin G-like domains. PROS1 as a secreted protein platelets alpha granules is expressed in plasma. PROS1 is a cofactor to activated protein C in the degradation of coagulation factors Va and VIIIa and helps to prevent coagulation and stimulating fibrinolysis.

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

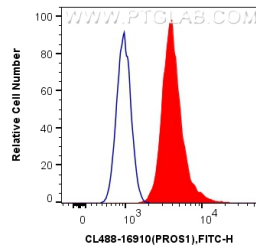
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human PROS1 (CL488-16910) (red), or 0.4 ug CoraLite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000, Clone:.) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).