

For Research Use Only

CoraLite® Plus 488-conjugated CD90 Recombinant monoclonal antibody

Catalog Number: CL488-84180



Basic Information

Catalog Number: CL488-84180	GenBank Accession Number: BC065559	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 7070	CloneNo.: 241290B1
Source: Rabbit	UNIPROT ID: P04216	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: Thy-1 cell surface antigen	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
	Calculated MW: 161 aa, 18 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : SH-SY5Y cells,
Species Specificity: human, mouse, rat, pig	

Background Information

CD90, also known as THY1, is a 25-35 kDa protein that is expressed on 1-4% of human fetal liver cells, cord blood cells, and bone marrow cells. CD90 is one of the essential surface molecules expressed on human MSC from bone marrow and other sources. Activation of Thy-1 has been reported to promote T cell activation. It also affects numerous nonimmunologic biological processes, including cellular adhesion, neurite outgrowth, tumor growth, migration, and cell death.

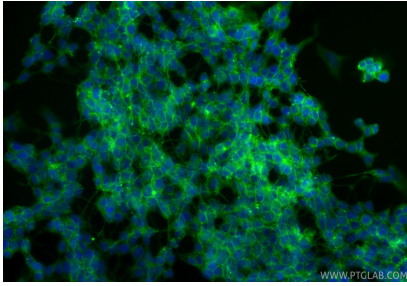
Storage

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, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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



Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using CoraLite® Plus 488 CD90 antibody (CL488-84180, Clone: 241290B1) at dilution of 1:200.