

For Research Use Only

CoraLite® Plus 488-conjugated SUCLG1 Recombinant monoclonal antibody

Catalog Number:**CL488-86072**



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-86072	BC000504	Protein A purification
Size:	GenID (NCBI):	CloneNo.:
100ul , Concentration: 1000 ug/ml by Nanodrop;	8802	250424C8
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	P53597	IF/ICC: 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima
IgG	succinate-CoA ligase, alpha subunit	wavelengths:
Immunogen Catalog Number:	Calculated MW:	493 nm / 522 nm
AG6481	35 kDa	
	Observed MW:	
	35 kDa	

Applications

Tested Applications:	Positive Controls:
IF/ICC	IF/ICC : A549 cells,
Species Specificity:	
human, mouse, rat	

Background Information

SUCLG1(succinyl-CoA ligase [ADP/GDP-forming] subunit alpha, mitochondrial) is also named as SCS-alpha and belongs to the succinate/malate CoA ligase alpha subunit family. The SUCLG1 gene encodes a 35 kDa protein with a 40 amino acids transit peptide. This enzyme catalyzes the ATP- or GTP-dependent ligation of succinate and CoA to form succinyl-CoA. Defects in SUCLG1 are the cause of mitochondrial DNA depletion syndrome type 9 (MTDPS9).

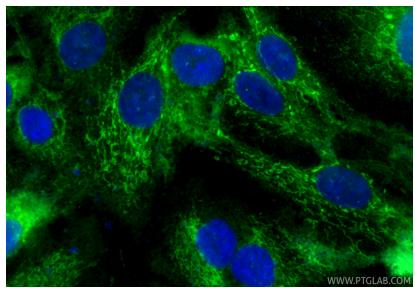
Storage

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) E: proteintech@ptglab.com
W: ptglab.com

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 Methanol) fixed A549 cells using CoraLite® Plus 488 SUCLG1 antibody (CL488-86072, Clone: 250424C8) at dilution of 1:200.