

For Research Use Only

CoraLite® Plus 488-conjugated SLC25A6-Specific Recombinant monoclonal antibody

Catalog Number:**CL488-85368**



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-85368	NM_001636	Protein A purification
Size:	GenID (NCBI):	CloneNo.:
1000ul , Concentration: 1000 ug/ml by Nanodrop;	293	242652A8
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	P12236	IF/ICC: 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima wavelengths:
IgG	solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 6	493 nm / 522 nm
	Calculated MW:	
	33 kDa	
	Observed MW:	
	30-33 kDa	

Applications

Tested Applications:	Positive Controls:
IF/ICC	IF/ICC : A549 cells, HepG2 cells

Species Specificity:
human, mouse, rat

Background Information

SLC25A6, also known as ANT3 (adenine nucleotide translocase 3), is a member of the solute carrier family 25, specifically the mitochondrial carrier subfamily. As part of the mitochondrial carrier family, SLC25A6 plays a role in the mitochondrial energy production process by facilitating the exchange of metabolites necessary for oxidative phosphorylation (PMID: 23506884).

Storage

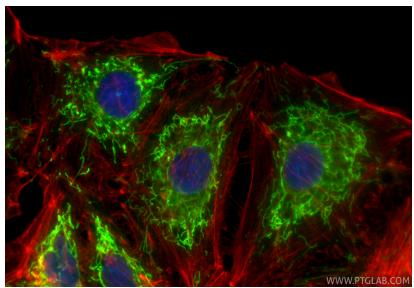
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

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)

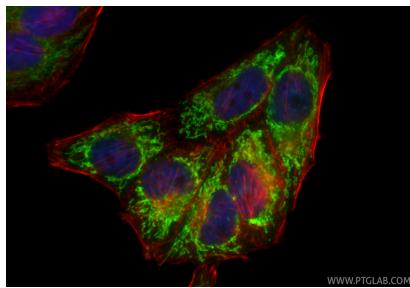
E: proteintech@ptglab.com
W: ptglab.com

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 (4% PFA) fixed A549 cells using CoralLite® Plus 488 SLC25A6-Specific antibody (CL488-85368, Clone: 242652A8) at dilution of 1:200, CL594-phalloidin (red).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoralLite® Plus 488 SLC25A6-Specific antibody (CL488-85368, Clone: 242652A8) at dilution of 1:200, CL594-phalloidin (red).