

For Research Use Only

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

Catalog Number:**CL488-85368**



## Basic Information

<b>Catalog Number:</b>	CL488-85368	<b>GenBank Accession Number:</b>	Protein A purification
<b>Source:</b>	Rabbit	<b>GenID (NCBI):</b>	293
<b>Isotype:</b>	IgG	<b>UNIPROT ID:</b>	P12236
		<b>Full Name:</b>	solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 6
		<b>Calculated MW:</b>	33 kDa
		<b>Observed MW:</b>	30-33 kDa
		<b>Excitation/Emission maxima wavelengths:</b>	493 nm / 522 nm

## Applications

<b>Tested Applications:</b>	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:

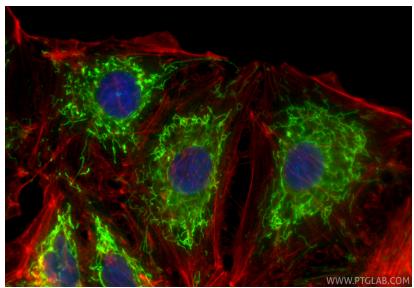
T: 4006900926

E: Proteintech-CN@ptglab.com

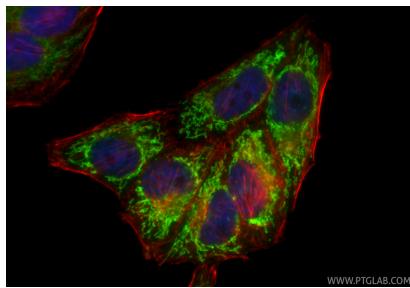
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## Selected Validation Data



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).