

For Research Use Only

# CoraLite® Plus 488-conjugated PACSIN2 Recombinant monoclonal antibody

Catalog Number: CL488-84763-4



## Basic Information

<b>Catalog Number:</b> CL488-84763-4	<b>GenBank Accession Number:</b> BC008037	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 11252	<b>CloneNo.:</b> 242193H3
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9UNF0	<b>Recommended Dilutions:</b> IF/ICC: 1:50-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> protein kinase C and casein kinase substrate in neurons 2	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG0809	<b>Calculated MW:</b> 56 kDa	
	<b>Observed MW:</b> 60 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b> IF/ICC : HepG2 cells,
<b>Species Specificity:</b> human, mouse	

## Background Information

Peripheral membrane proteins of the Bin/amphiphysin/Rvs (BAR) and Fer-CIP4 homology-BAR (F-BAR) family participate in cellular membrane trafficking (PMID: 19549836). PACSIN2 (also known as syndapin-2) is a member of the protein kinase C and casein kinase substrate in neurons (PACSIN) family, which are membrane-binding proteins characterized by an amino-terminal F-BAR domain. PACSIN2 plays a role in intracellular vesicle-mediated transport. It is involved in the endocytosis of cell-surface receptors like the EGF receptor, contributing to its internalization (PMID: 23129763). PACSIN2 also has a role in caveolae membrane sculpting (PMID: 21610094).

## 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

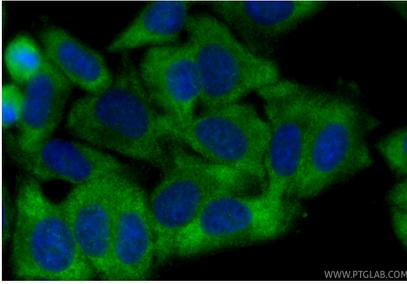
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol)  
fixed HepG2 cells using CoraLite® Plus 488  
PACSIN2 antibody (CL488-84763-4, Clone:  
242193H3 ) at dilution of 1:200.