

For Research Use Only

# CoraLite® Plus 488-conjugated Syntenin-1 Monoclonal antibody



Catalog Number: CL488-68096

## Basic Information

<b>Catalog Number:</b> CL488-68096	<b>GenBank Accession Number:</b> BC113674	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 6386	<b>CloneNo.:</b> 2B1A9
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> O00560	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Isotype:</b> IgG1	<b>Full Name:</b> syndecan binding protein (syntenin)	
<b>Immunogen Catalog Number:</b> AG18078	<b>Calculated MW:</b> 298 aa, 32 kDa	
	<b>Observed MW:</b> 30 kDa	

## Applications

**Tested Applications:**  
FC (Intra)

**Species Specificity:**  
Human

## Background Information

Syntenin-1, also known as SDCBP (syndecan binding protein) and MDA-9 (melanoma differentiation-associated protein 9), was initially identified as a molecule linking syndecan-mediated signaling to the cytoskeleton. Syntenin-1 is a PDZ-domain-containing molecule that has many interaction partners, and regulates transmembrane-receptor trafficking, cell adhesion, tumor-cell metastasis and neuronal-synapse function. Syntenin-1 is primarily localized to membrane-associated adherens junctions and focal adhesions but is also found at the endoplasmic reticulum and nucleus.

## 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, pH 7.3.

**Aliquoting is unnecessary for -20°C storage**

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

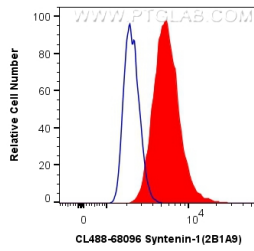
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



$1 \times 10^6$  HepG2 cells were intracellularly stained with 0.4  $\mu$ g CoraLite® Plus 488 Anti-Human Syntenin-1 (CL488-68096, Clone:2B1A9) (red), or 0.4  $\mu$ g Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).