

For Research Use Only

# CoraLite®594-conjugated CNPY2, MSAP Monoclonal antibody



Catalog Number:CL594-66173

## Basic Information

<b>Catalog Number:</b> CL594-66173	<b>GenBank Accession Number:</b> BC065015	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10330	<b>CloneNo.:</b> 1G8G11
<b>Source:</b> Mouse	<b>Full Name:</b> canopy 2 homolog (zebrafish)	<b>Excitation/Emission maxima wavelengths:</b> 593 nm / 614 nm
<b>Isotype:</b> IgG2b	<b>Calculated MW:</b> 21 kDa	
<b>Immunogen Catalog Number:</b> AG6363	<b>Observed MW:</b> 21 kDa	

## Applications

**Tested Applications:**  
FC (Intra)

**Species Specificity:**  
human, mouse, rat

## Background Information

CNPY2, also named as MSAP, TMEM4 and ZSIG9, is a positive regulator of neurite outgrowth. It interacts with the ezrin-radixin-moesin (ERM)-like myosin regulatory light chain-interacting protein (MIR), and the two proteins are co-localized in cell lines and in primary neurons. CNPY2 can stabilize MRLC and thus bring about an increase in neurite outgrowth. (PMID: 12826659) This antibody is specific to CNPY2

## 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.

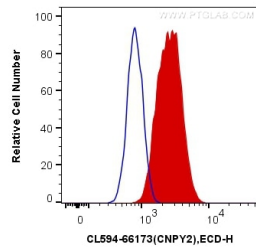
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

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



1X10<sup>6</sup> HepG2 cells were intracellularly stained with 0.4 ug CoraLite® 594 Anti-Human CNPY2, MSAP (CL594-66173, Clone:1G8G11) (red), or 0.4 ug Mouse IgG2b Isotype Control (CL594-66360-3, Clone: K11B8C4B5) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).