

For Research Use Only

# CoraLite® Plus 488-conjugated CNPY2/MSAP Monoclonal antibody

Catalog Number: CL488-66173

Featured Product



## Basic Information

Catalog Number:

CL488-66173

Concentration:

1000 ug/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG6363

GenBank Accession Number:

BC065015

GeneID (NCBI):

10330

UNIPROT ID:

Q9Y2B0

Full Name:

canopy 2 homolog (zebrafish)

Calculated MW:

21 kDa

Observed MW:

21 kDa

Purification Method:

Protein A purification

CloneNo.:

1G8G11

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HepG2 cells,

## 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

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

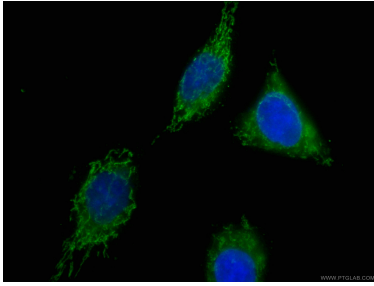
T: 4006900926

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



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CL488-66173 (CNPY2, MSAP antibody) at dilution of 1:100.