

For Research Use Only

CoraLite® Plus 488-conjugated CNPY2, MSAP Monoclonal antibody



Catalog Number: CL488-66173

Basic Information

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| Catalog Number: CL488-66173 | GenBank Accession Number: BC065015 | Purification Method: Protein A purification |
| Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (NCBI): 10330 | CloneNo.: 1G8G11 |
| Source: Mouse | Full Name: canopy 2 homolog (zebrafish) | Recommended Dilutions: IF 1:50-1:500 |
| Isotype: IgG2b | Calculated MW: 21 kDa | Excitation/Emission maxima wavelengths: 488 nm / 515 nm |
| Immunogen Catalog Number: AG6363 | Observed MW: 21 kDa | |

Applications

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| Tested Applications: IF | Positive Controls: IF : HepG2 cells, |
| 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

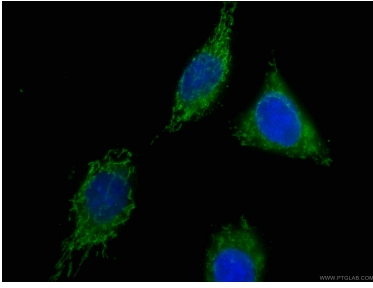
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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



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