For Research Use Only

CoraLite® Plus 488-conjugated SYAP1 Monoclonal antibody

Catalog Number:CL488-68410

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Basic Information

Catalog Number:
CL488-68410

Size:
100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG2b

Immunogen Catalog Number:
AG9626

GenBank Accession Number:
BC014657

GeneID (NCBI):
94056

UNIPROT ID:
Q96A49

Full Name:
synapse associated protein 1, SAP47 homolog (Drosophila)

Calculated MW:
352 aa, 40 kDa

Observed MW:
50-55 kDa

Purification Method:
Protein A purification

CloneNo.:
2E12A5

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

SYAP1(Synapse-associated protein 1) is a human homologue of the Drosophila SAP47 (synapse associated protein), which is recognized by a monoclonal antibody that selectively stain synaptic terminals.This protein is a 352 amino acid protein that is ubiquitously expressed in adult tissues. SYAP1 contains one BSD domain which is is an approximately 60 amino acid long protein domain named after the BTF2-like transcription factors, Synapse-associated proteins and DOS2-like proteins in which it is found.

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: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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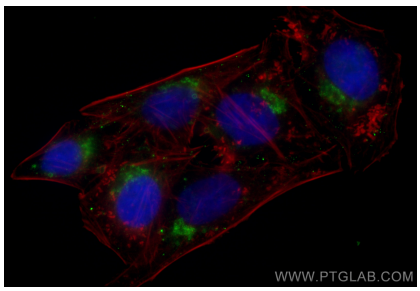
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 SYAP1 antibody (CL488-68410, Clone: 2E12A5) at dilution of 1:100.