

For Research Use Only

CoraLite®594-conjugated SEC24D Monoclonal antibody

Catalog Number: CL594-67409



Basic Information

Catalog Number:

CL594-67409

Size:

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

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG4657

GenBank Accession Number:

BC035761

GeneID (NCBI):

9871

UNIPROT ID:

O94855

Full Name:

SEC24 family, member D (S.
cerevisiae)

Calculated MW:

1033 aa, 113 kDa

Observed MW:

113 kDa

Purification Method:

Protein A purification

CloneNo.:

3G5G9

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : HepG2 cells,

Background Information

COPII-coated vesicles mediate anterograde transport from the ER to the Golgi apparatus. COPII is composed of three parts: two coat protein complexes (Sec23/24 complex and Sec13/31 complex) and one small GTP-binding protein, Sar1 (PMID: 9568718). Sec24 subunit of the coat complex has been implicated in cargo recognition (PMID: 17316621). In mammal cells there are four Sec24 isoforms, termed Sec24A, Sec24B, Sec24C, and Sec24D (PMID: 10329445).

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

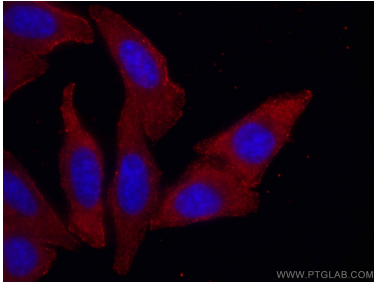
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

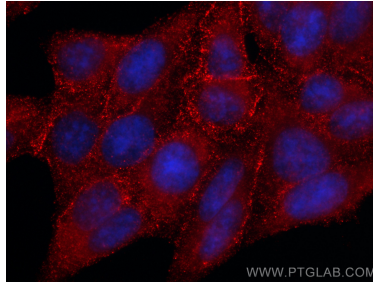
E: proteintech@ptglab.com
W: ptglab.com

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 (-20°C Methanol) fixed HepG2 cells using CoraLite®594 SEC24D antibody (CL594-67409, Clone: 3G5G9) at dilution of 1:100. DAPI (blue).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite®594 SEC24D antibody (CL594-67409, Clone: 3G5G9) at dilution of 1:200.