

For Research Use Only

CoraLite®594-conjugated EEA1 Monoclonal antibody



Catalog Number:CL594-68065

Basic Information

Catalog Number: CL594-68065	GenBank Accession Number: NM_003566	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 8411	CloneNo.: 1E11E4
Source: Mouse	Full Name: early endosome antigen 1	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Calculated MW: 162 kDa	Excitation/Emission maxima wavelengths: 593 nm / 614 nm
Immunogen Catalog Number: AG28814	Observed MW: 162 kDa	

Applications

Tested Applications: FC, IF	Positive Controls: IF : HepG2 cells,
Species Specificity: Human, Mouse, Rat	

Background Information

Early endosome antigen 1 (EEA1) is a marker of early endosomes and has an important role in endosomal trafficking. EEA1 contains coiled-coil regions and an FYVE-type zinc finger which interacts with phosphatidylinositol-3-phosphate. EEA1 functions as a Rab5 effector, mediates endosome docking and, together with SNAREs, leads to membrane fusion.

Storage

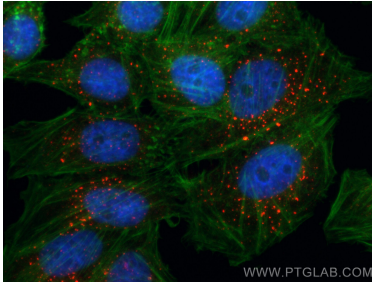
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

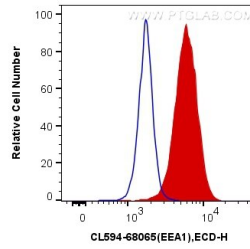
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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 CoraLite®594 EEA1 antibody (CL594-68065, Clone: 1E11E4) at dilution of 1:200, CL488-Phalloidin (green).



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human EEA1 (CL594-68065, Clone:1E11E4) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).