

For Research Use Only

CoraLite® Plus 488-conjugated EEA1 Monoclonal antibody

Catalog Number: CL488-68065

Featured Product

1 Publications



Basic Information

Catalog Number: CL488-68065	GenBank Accession Number: NM_003566	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 8411	CloneNo.: 1E11E4
Source: Mouse	UNIPROT ID: Q15075	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: early endosome antigen 1	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG28814	Calculated MW: 162 kDa	
	Observed MW: 162 kDa	

Applications

Tested Applications: IF/ICC, FC (Intra)	Positive Controls: IF/ICC : HeLa cells, HepG2 cells
Cited Applications: IF	
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.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiao-Rong Huang	39193910	Autophagy	IF

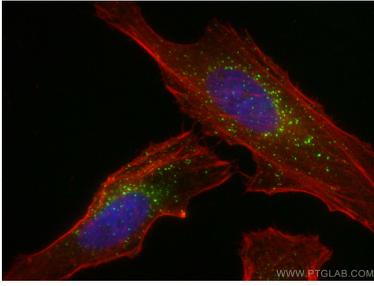
Storage

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

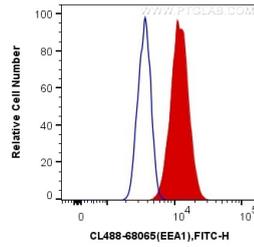
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 (4% PFA) fixed HeLa cells using CoraLite® Plus 488 EEA1 antibody (CL488-68065, Clone: 1E11E4) at dilution of 1:200, CL594-phalloidin (red).



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human EEA1 (CL488-68065, Clone:1E11E4) (red), or 0.4 ug Mouse IgG1 Isotype Control (CL488-66360, Clone: T1F8D3F10) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).