# EEA1 Monoclonal antibody, PBS Only

Catalog Number:68065-1-PBS

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## Basic Information

**Catalog Number:**
68065-1-PBS

**Size:**
100ug , Concentration: 1 mg/ml by Nanodrop;

**Source:**
Mouse

**Isotype:**
IgG1

**Immunogen Catalog Number:**
AG28814

**GenBank Accession Number:**
NM_003566

**GeneID (NCBI):**
8411

**UNIPROT ID:**
Q15075

**Full Name:**
early endosome antigen 1

**Calculated MW:**
162 kDa

**Observed MW:**
162 kDa

**Purification Method:**
Protein A purification

**CloneNo.:**
1E11E4

## Applications

**Tested Applications:**
WB, IF, Indirect ELISA

**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
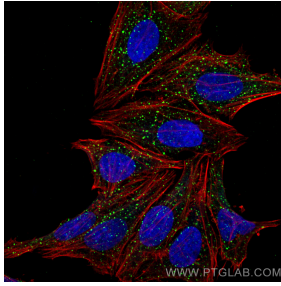
**Storage:**
Store at -80℃.
**Storage Buffer:**
PBS Only

# Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using EEA1 antibody (68065-1-Ig, Clone: 1E11E4 ) at dilution of 1:3000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 68065-1-PBS in a different storage buffer formulation.
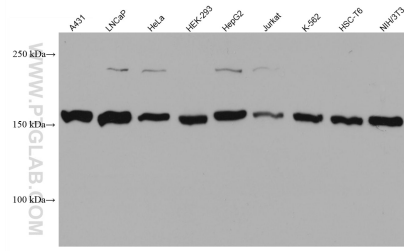


Various lysates were subjected to SDS PAGE followed by western blot with 68065-1-Ig (EEA1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68065-1-PBS in a different storage buffer formulation.