

EEA1 Conjugated Antibody

Catalog No: #C56094

Package Size: #C56094-AF350 100ul #C56094-AF405 100ul #C56094-AF488 100ul #C56094-AF555 100ul #C56094-AF594 100ul
#C56094-AF647 100ul #C56094-AF680 100ul #C56094-AF750 100ul #C56094-Biotin 100ul #C56094-Conjugated 50ul

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Description

Product Name	EEA1 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB, IF
Species Reactivity	Human Mouse Rat
Specificity	EEA1 Antibody detects endogenous levels of total EEA1
Immunogen Description	A synthesized peptide derived from human EEA1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Early endosome antigen 1; EEA1; MST105; ZFYVE2;
Accession No.	Uniprot:Q15075
Calculated MW	170kDa
Storage	Store at 4°C in dark for 6 months

Application Details

WB: 1:50-1:200

IF:1:50-1:200

Product Description

EEA1 is an early endosomal marker and a Rab5 effector protein essential for early endosomal membrane fusion and trafficking (1-2). The carboxy terminus of EEA1 contains a FYVE domain which binds to phosphatidylinositol-3-phosphate (PtdIns(3)P), targeting EEA1 to early endosomes (3). The stable association of EEA1 with the endosomal membrane is regulated by PI3 kinase, Rab5 and calcium/calmodulin (4-6). Once on the membrane, EEA1 interacts with Rab5, NSF and syntaxin 13 to promote early endosomal membrane docking and fusion (7).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.