

产品名称: EEA1 (3B7) Rabbit Monoclonal Antibody
产品货号: AMRe10306



产品概述 (Summary)

产品名称 (Production Name)	EEA1 (3B7) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF
种属反应性 (Reactivity)	Human, Mouse, Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	EEA1
别名 (Alternative Names)	Early endosome antigen 1; EEA1; MST105; ZFYVE2;
基因 ID (Gene ID)	8411.0
蛋白 ID (SwissProt ID)	Q15075.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:2000-1:20000, ICC/IF 1:200-1:1000
蛋白分子量 (Molecular Weight)	162kDa

研究背景 (Background)

产品名称: EEA1 (3B7) Rabbit Monoclonal Antibody
产品货号: AMRe10306

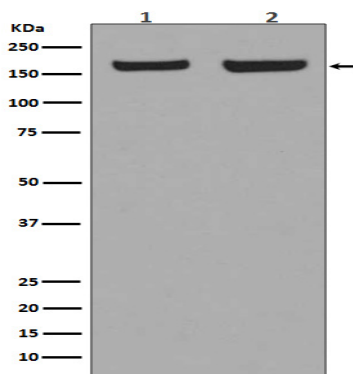


EEA1 is an early endosomal marker and a Rab5 effector protein essential for early endosomal membrane fusion and trafficking (1-2). The carboxy terminus of EEA1 contains a FYVE domain which binds to phosphatidylinositol-3-phosphate (PtdIns(3)P), targeting EEA1 to early endosomes (3). The stable association 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). Binds phospholipid vesicles containing phosphatidylinositol 3-phosphate and participates in endosomal trafficking.

研究领域 (Research Area)

Endocytosis;

图片 (Image Data)



Western blot analysis of EEA1 expression in (1) HeLa cell lysate; (2) NIH/3T3 cell lysate.

注意事项 (Note)

For research use only .