

Product Name: KD-Validated Early Endosome Antigen 1 Recombinant Rabbit Monoclonal Antibody

Catalog #: KVAb01101

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 162.5kDa

Antigen Information

Gene Name	EEA1 EEA1; Early Endosome Antigen 1; ZFYVE2; Zinc Finger FYVE Domain-Containing Protein;
Alternative Names	Endosome-Associated Protein P162; Early Endosome Antigen 1, 162kD; Early Endosome-Associated Protein; MSTP105; MST105
Gene ID	8411.0
SwissProt ID	Q15075
Immunogen	A synthesized peptide derived from human EEA1

Background

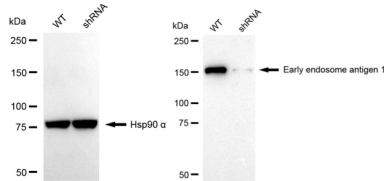
Enables 1-phosphatidylinositol binding activity; GTP-dependent protein binding activity; and protein homodimerization

activity. Involved in endocytosis and vesicle fusion. Located in cytosol and early endosome membrane. [provided by Alliance of Genome Resources, Jul 2025]

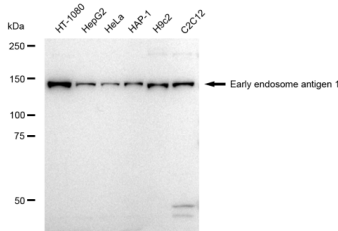
Research Area

Neuroscience, Tags & Cell Markers, Signal Transduction

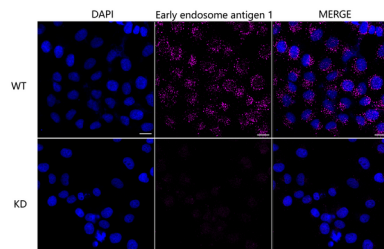
Image Data



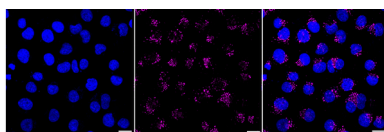
Western blotting analysis using early endosome antigen 1 antibody (KVA01101). Early endosome antigen 1 expression in wild type (WT) and early endosome antigen 1 (EEA1) shRNA knockdown (KD) HT-1080 cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with early endosome antigen 1 antibody (KVA01101, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



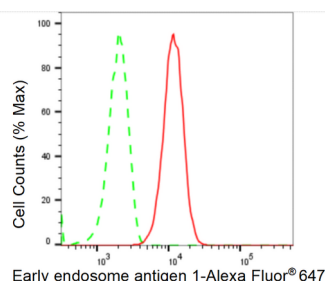
Western blotting analysis using Early endosome antigen 1 antibody (KVA01101). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with Early endosome antigen 1 antibody (KVA01101, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HT1080 cells using Early endosome antigen 1 antibody (KVA01101, 1:1,000). Top panel: wild-type (WT); Bottom panel: Early endosome antigen 1 shRNA knockdown (KD). Nuclei were stained blue with DAPI; Early endosome antigen 1 was stained magenta with Alexa Fluor® 647. Scale bar, 20 µm.



Immunocytochemical staining of HT-1080 cells with Early endosome antigen 1 antibody (KVA01101, 1:1,000). Nuclei were stained blue with DAPI; Early endosome antigen 1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Scale bar, 20 µm.



Flow cytometric analysis of Early endosome antigen 1 expression in HT-1080 cells using Early endosome antigen 1 antibody (KVA01101, 1:2,000). Green, isotype control; red, Early endosome antigen 1.