

## Anti-EHD1 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

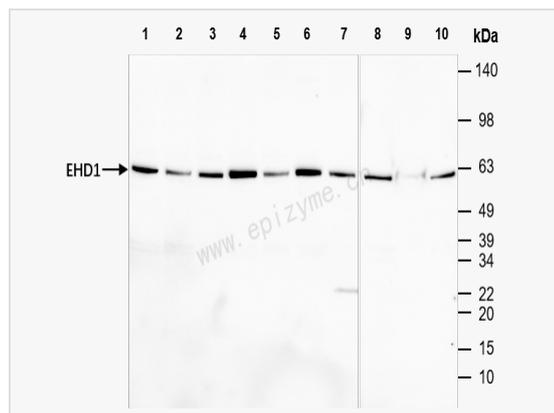
Catalog # R015286

### Product Information

Application	WB, IF (Cell)/ICC, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	97C59C92
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human EHD1
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-EHD1 Rabbit mAb [97C59C92] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	CDABP0131; EH domain containing 1; EH domain containing protein 1; EHD1; EHD1 HUMAN; FLJ42622; FLJ44618; H PAST; hPAST1; PAST; PAST homolog 1; PAST1; Testilin.
Calculated MW	Calculated MW: 61 kDa; Observed MW: 61 kDa
Uniprot ID	Q9H4M9
Gene ID	10938
Background	This gene belongs to a highly conserved gene family encoding EPS15 homology (EH) domain-containing proteins. The protein-binding EH domain was first noted in EPS15, a substrate for the epidermal growth factor receptor. The EH domain has been shown to be an important motif in proteins involved in protein-protein interactions and in intracellular sorting. The protein encoded by this gene is thought to play a role in the endocytosis of IGF1 receptors. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2013]
Cellular Location	Cell membrane. Early endosome membrane. Recycling endosome membrane. Associated with intracellular tubulovesicular structures.
Tissue Location	Highly expressed in testis.



Western Blot - Anti-EHD1 Rabbit mAb [97C59C92]

All lanes: R015286 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: A431 (Human epidermoid teratoma cell line) whole cell lysates

Lane 3: T24 (Human bladder cancer epithelial cell) whole cell lysates

Lane 4: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 5: 293T (Human embryonic kidney cell) whole cell lysates

Lane 6: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates

Lane 7: Mouse brain whole tissue lysates

Lane 8: PC-12 (Rat adrenal pheochromocytoma epithelial cell) whole cell lysates

Lane 9: Rat brain whole tissue lysates

Lane 10: Rat spleen whole tissue lysates

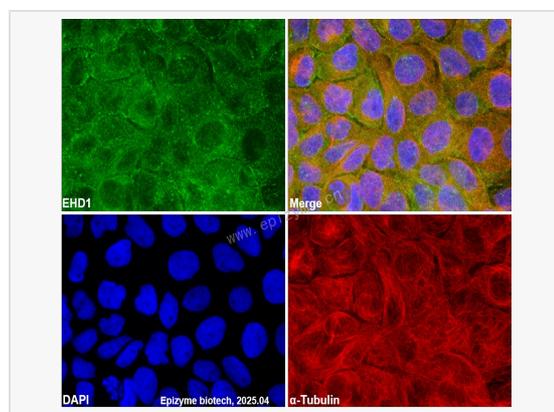
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 61 kDa

Observed band size: 61 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunofluorescence - Anti-EHD1 Rabbit mAb [97C59C92]

Sample: A431 cells

The cells were fixed with 4% paraformaldehyde (10 min), permeabilized with 0.5% Triton X-100 for 10 minutes and then blocked with 5% BSA in 0.1% PBS-Tween for 0.5 hours.

Primary antibodies: R015286 at 1:100 dilution and α-tubulin Mouse Monoclonal Antibody (Cat. No. LF209) at 1:100 dilution

Secondary antibodies: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green) and Goat anti-Mouse (555) at 1:1,000 dilution (shown in red)

Nuclei were stained with DAPI (shown in blue).