

EHD4 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a full length recombinant EHD4.****Catalog # AT1868a****Specification**

EHD4 Antibody (monoclonal) (M01) - Product Information

Application	WB, IF
Primary Accession	Q9H223
Other Accession	BC006287
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 kappa
Calculated MW	61175

EHD4 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 30844**Other Names**

EH domain-containing protein 4, Hepatocellular carcinoma-associated protein 10/11, PAST homolog 4, EHD4, HCA10, HCA11, PAST4

Target/Specificity

EHD4 (AAH06287, 1 a.a. ~ 541 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IF~~1:50~200

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

EHD4 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

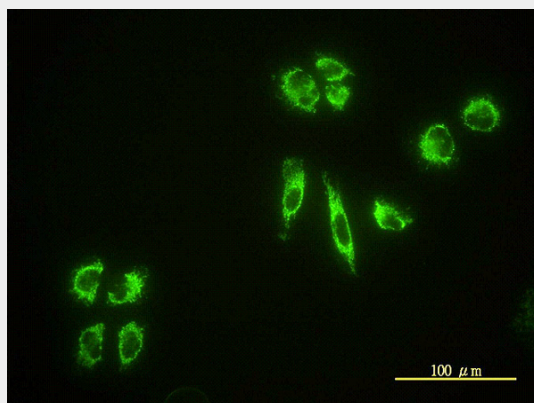
EHD4 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

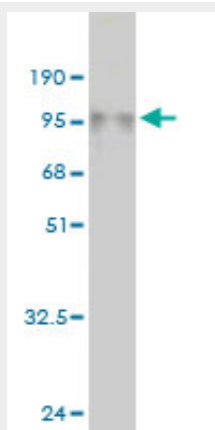
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

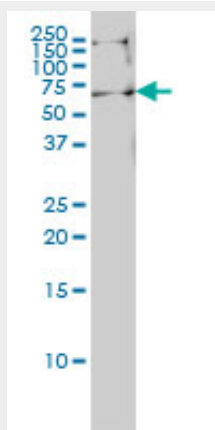
EHD4 Antibody (monoclonal) (M01) - Images



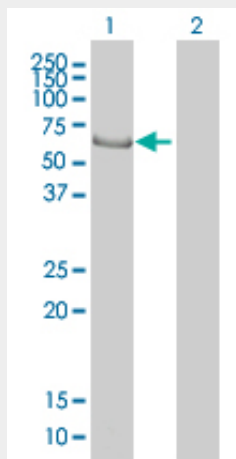
Immunofluorescence of monoclonal antibody to EHD4 on HeLa cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (85.25 KDa) .



EHD4 monoclonal antibody (M01), clone 1B8 Western Blot analysis of EHD4 expression in Hela S3 NE ((Cat # AT1868a)



Western Blot analysis of EHD4 expression in transfected 293T cell line by EHD4 monoclonal antibody (M01), clone 1B8.

Lane 1: EHD4 transfected lysate(61 KDa).

Lane 2: Non-transfected lysate.

EHD4 Antibody (monoclonal) (M01) - References

EH domain proteins regulate cardiac membrane protein targeting. Gudmundsson H, et al. Circ Res, 2010 Jul 9. PMID 20489164. A role for EHD4 in the regulation of early endosomal transport. Sharma M, et al. Traffic, 2008 Jun. PMID 18331452. Large-scale mapping of human protein-protein interactions by mass spectrometry. Ewing RM, et al. Mol Syst Biol, 2007. PMID 17353931. Immunoaffinity profiling of tyrosine phosphorylation in cancer cells. Rush J, et al. Nat Biotechnol, 2005 Jan. PMID 15592455. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.