

EHD3 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant EHD3.****Catalog # AT1867a****Specification**

EHD3 Antibody (monoclonal) (M01) - Product Information

Application	WB, IHC, IF
Primary Accession	O9NZN3
Other Accession	NM_014600
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	60887

EHD3 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 30845**Other Names**

EH domain-containing protein 3, PAST homolog 3, EHD3, EHD2, PAST3

Target/Specificity

EHD3 (NP_055415, 357 a.a. ~ 406 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IHC~~1:100~500

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

EHD3 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

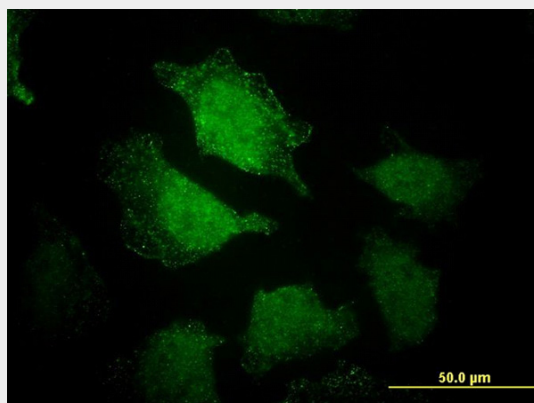
EHD3 Antibody (monoclonal) (M01) - Protocols

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

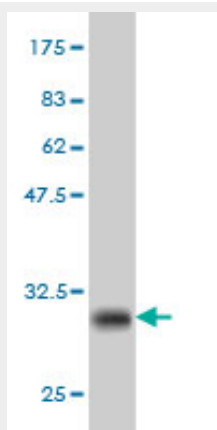
- [Western Blot](#)
- [Blocking Peptides](#)

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

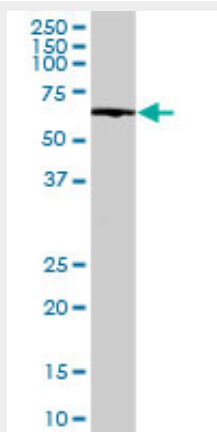
EHD3 Antibody (monoclonal) (M01) - Images



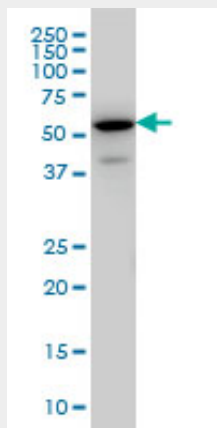
Immunofluorescence of monoclonal antibody to EHD3 on HeLa cell. [antibody concentration 25 ug/ml]



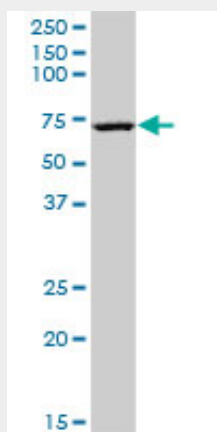
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (31.24 KDa) .



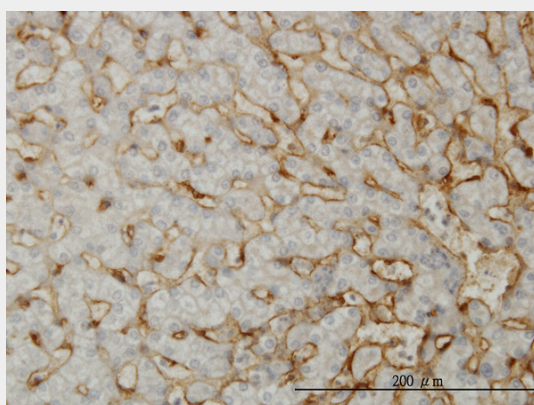
EHD3 monoclonal antibody (M01), clone 4B7. Western Blot analysis of EHD3 expression in COLO 320 HSR ((Cat # AT1867a)



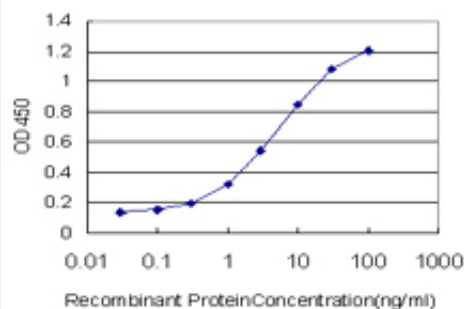
EHD3 monoclonal antibody (M01), clone 4B7 Western Blot analysis of EHD3 expression in IMR-32 ((Cat # AT1867a)



EHD3 monoclonal antibody (M01), clone 4B7. Western Blot analysis of EHD3 expression in MCF-7 ((Cat # AT1867a)



Immunoperoxidase of monoclonal antibody to EHD3 on formalin-fixed paraffin-embedded human liver. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged EHD3 is approximately 0.1ng/ml as a capture antibody.

EHD3 Antibody (monoclonal) (M01) - References

EH domain proteins regulate cardiac membrane protein targeting. Gudmundsson H, et al. Circ Res, 2010 Jul 9. PMID 20489164. A genome-wide meta-analysis identifies 22 loci associated with eight hematological parameters in the HaemGen consortium. Soranzo N, et al. Nat Genet, 2009 Nov. PMID 19820697. EHD3 regulates early-endosome-to-Golgi transport and preserves Golgi morphology. Naslavsky N, et al. J Cell Sci, 2009 Feb 1. PMID 19139087. Myosin Vb interacts with Rab8a on a tubular network containing EHD1 and EHD3. Roland JT, et al. Mol Biol Cell, 2007 Aug. PMID 17507647. Diversification of transcriptional modulation: large-scale identification and characterization of putative alternative promoters of human genes. Kimura K, et al. Genome Res, 2006 Jan. PMID 16344560.