

KLHDC4 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a full length recombinant KLHDC4.

Catalog # AT2638a

Specification

KLHDC4 Antibody (monoclonal) (M02) - Product Information

Application	WB, IHC, IF, E
Primary Accession	Q8TBB5
Other Accession	BC001044
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	57892

KLHDC4 Antibody (monoclonal) (M02) - Additional Information

Gene ID 54758

Other Names

Kelch domain-containing protein 4, KLHDC4

Target/Specificity

KLHDC4 (AAH01044, 1 a.a. ~ 463 a.a) full-length 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

E~~N/A

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

KLHDC4 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

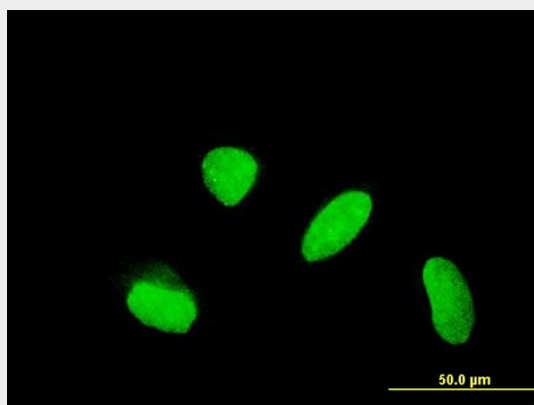
KLHDC4 Antibody (monoclonal) (M02) - Protocols

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

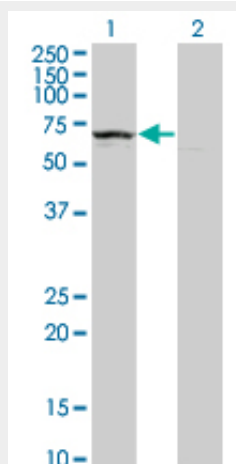
- [Western Blot](#)

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

KLHDC4 Antibody (monoclonal) (M02) - Images



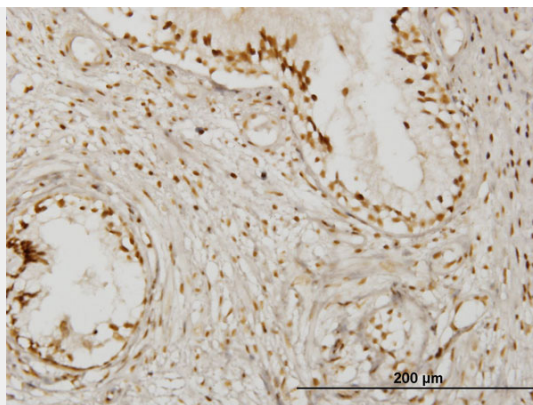
Immunofluorescence of monoclonal antibody to KLHDC4 on HeLa cell . [antibody concentration 10 ug/ml]



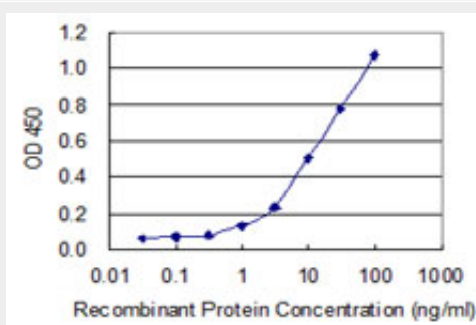
Western Blot analysis of KLHDC4 expression in transfected 293T cell line by KLHDC4 monoclonal antibody (M02), clone 4G11.

Lane 1: KLHDC4 transfected lysate(57.9 KDa).

Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to KLHDC4 on formalin-fixed paraffin-embedded human prostate. [antibody concentration 1.5 ug/ml]



Detection limit for recombinant GST tagged KLHDC4 is 0.3 ng/ml as a capture antibody.

KLHDC4 Antibody (monoclonal) (M02) - References

Global, in vivo, and site-specific phosphorylation dynamics in signaling networks. Olsen JV, et al. Cell, 2006 Nov 3. PMID 17081983. 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. Sequence comparison of human and mouse genes reveals a homologous block structure in the promoter regions. Suzuki Y, et al. Genome Res, 2004 Sep. PMID 15342556. Large-scale characterization of HeLa cell nuclear phosphoproteins. Beausoleil SA, et al. Proc Natl Acad Sci U S A, 2004 Aug 17. PMID 15302935. Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039.