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# KLHDC4 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a full length recombinant KLHDC4.
Catalog # AT2638a

## Product Information

| | |
|---|---|
| **Application** | WB, IHC, IF, E |
| **Primary Accession** | Q8TBB5 |
| **Other Accession** | BC001044 |
| **Reactivity** | Human |
| **Host** | mouse |
| **Clonality** | monoclonal |
| **Isotype** | IgG2a Kappa |
| **Clone Names** | 4G11 |
| **Calculated MW** | 57892 |

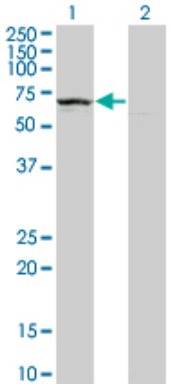
## Additional Information

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|---|---|
| **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. |

## References

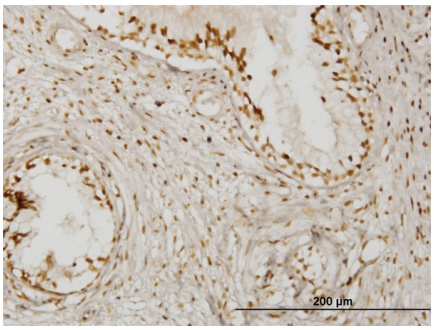
Global, in vivo, and site-specific phosphorylation dynamics in signaling networks. Olsen JV, et al. Cell, 2006 Nov 3. PMID 17081983.The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.Sequence 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.

## Images

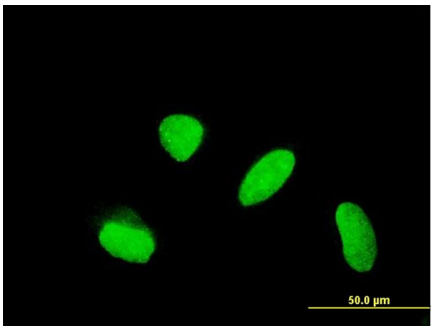



Western Blot analysis of KLHDC4 expression in transfected 293T cell line by KLHDC4 monoclonal antibody (M02), clone 4G11.

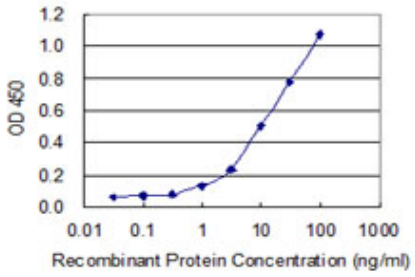
Lane 1: KLHDC4 transfected lysate(57.9 KDa).
Lane 2: Non-transfected lysate.




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




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




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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.