

## MKNK2 Antibody (monoclonal) (M04)

Mouse monoclonal antibody raised against a full length recombinant MKNK2.

Catalog # AT2875a

### Product Information

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<b>Application</b>	WB, IF, E
<b>Primary Accession</b>	<a href="#">Q9HBH9</a>
<b>Other Accession</b>	<a href="#">BC018345</a>
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG2a Kappa
<b>Clone Names</b>	4F11
<b>Calculated MW</b>	51875

### Additional Information

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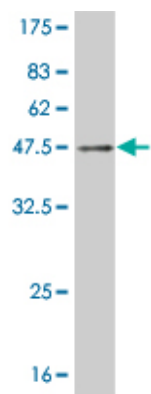
<b>Gene ID</b>	2872
<b>Other Names</b>	MAP kinase-interacting serine/threonine-protein kinase 2, MAP kinase signal-integrating kinase 2, MAPK signal-integrating kinase 2, Mnk2, MKNK2, GPRK7, MNK2
<b>Target/Specificity</b>	MKNK2 (AAH18345, 1 a.a. ~ 158 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000 IF~~1:50~200 E~~N/A
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	MKNK2 Antibody (monoclonal) (M04) is for research use only and not for use in diagnostic or therapeutic procedures.

### References

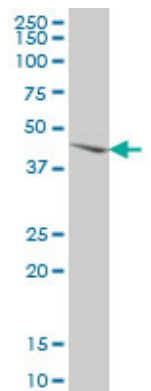
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Interaction between Mnk2 and CBC(VHL) ubiquitin ligase E3 complex. Wang P, et al. Sci China C Life Sci, 2006 Jun. PMID 16856496. Diversification of transcriptional modulation: large-scale identification and characterization of putative alternative promoters of human genes. Kimura K, et al. Genome Res, 2006 Jan. PMID 16344560. Crystal structures of the Mnk2 kinase domain reveal an inhibitory conformation and a zinc binding site. Jauch R, et al. Structure, 2005 Oct. PMID 16216586. Human immunodeficiency virus type 1 Vpr-dependent cell cycle arrest through a mitogen-activated protein kinase signal transduction pathway. Yoshizuka N, et al. J Virol, 2005 Sep. PMID 16103188. 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

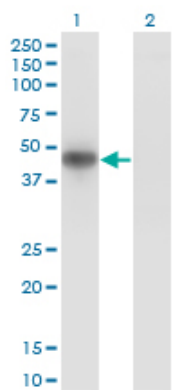
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (43.12 KDa) .

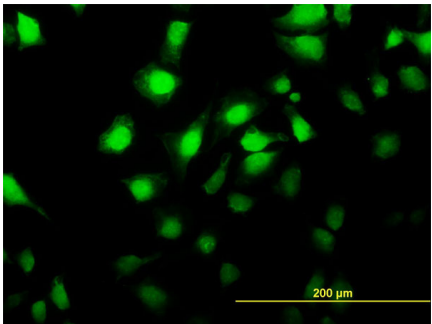


MKNK2 monoclonal antibody (M04), clone 4F11 Western Blot analysis of MKNK2 expression in HeLa ( (Cat # AT2875a )



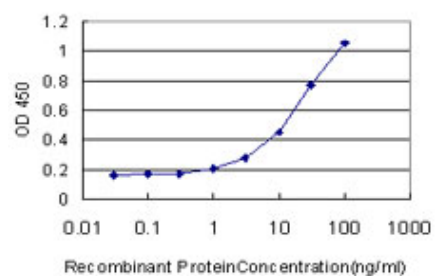
Western Blot analysis of MKNK2 expression in transfected 293T cell line by MKNK2 monoclonal antibody (M04), clone 4F11.

Lane 1: MKNK2 transfected lysate(46.7 KDa).  
Lane 2: Non-transfected lysate.



Immunofluorescence of monoclonal antibody to MKNK2 on HeLa cell. [antibody concentration 25 ug/ml]

Detection limit for recombinant GST tagged MKNK2 is approximately 1ng/ml as a capture antibody.



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