

MKNK2 Antibody (monoclonal) (M04)

Mouse monoclonal antibody raised against a full length recombinant MKNK2.

Catalog # AT2875a

Specification

MKNK2 Antibody (monoclonal) (M04) - Product Information

Application	IF, WB, E
Primary Accession	O9HBH9
Other Accession	BC018345
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	51875

MKNK2 Antibody (monoclonal) (M04) - Additional Information

Gene ID 2872

Other Names

MAP kinase-interacting serine/threonine-protein kinase 2, MAP kinase signal-integrating kinase 2, MAPK signal-integrating kinase 2, Mnk2, MKNK2, GPRK7, MNK2

Target/Specificity

MKNK2 (AAH18345, 1 a.a. ~ 158 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

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

MKNK2 Antibody (monoclonal) (M04) is for research use only and not for use in diagnostic or therapeutic procedures.

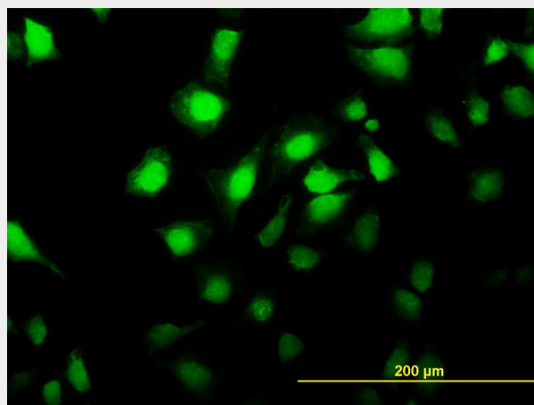
MKNK2 Antibody (monoclonal) (M04) - Protocols

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

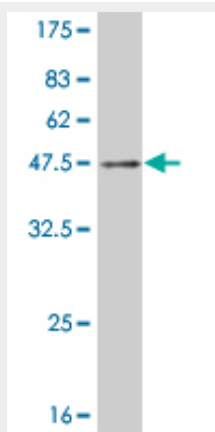
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

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

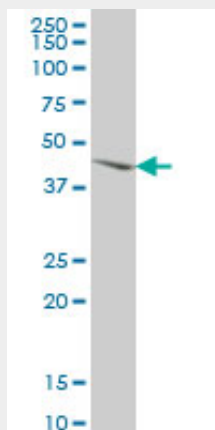
MKNK2 Antibody (monoclonal) (M04) - Images



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

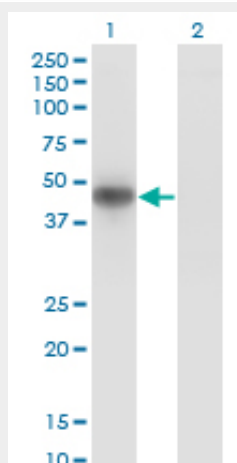


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (43.12 KDa) .



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

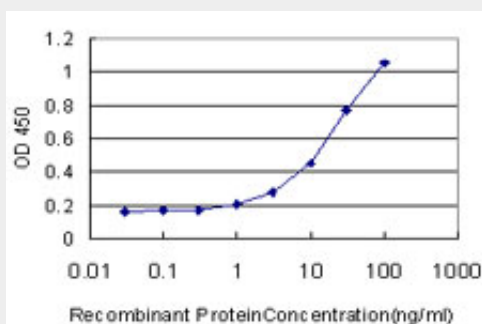
HeLa ((Cat # AT2875a)



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.



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

MKNK2 Antibody (monoclonal) (M04) - References

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 15489334.