

# MKNK1 Antibody (monoclonal) (M06)

Mouse monoclonal antibody raised against a full length recombinant MKNK1.  
Catalog # AT2872a

## Product Information

---

<b>Application</b>	WB, IHC, IF
<b>Primary Accession</b>	<a href="#">Q9BUB5</a>
<b>Other Accession</b>	<a href="#">BC002755</a>
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG1 Kappa
<b>Clone Names</b>	30
<b>Calculated MW</b>	51342

## Additional Information

---

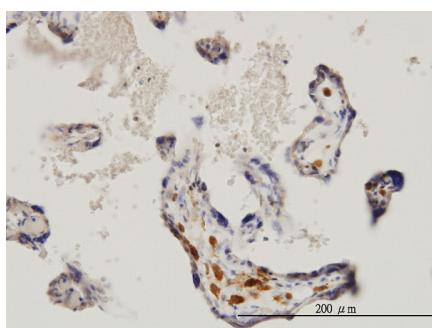
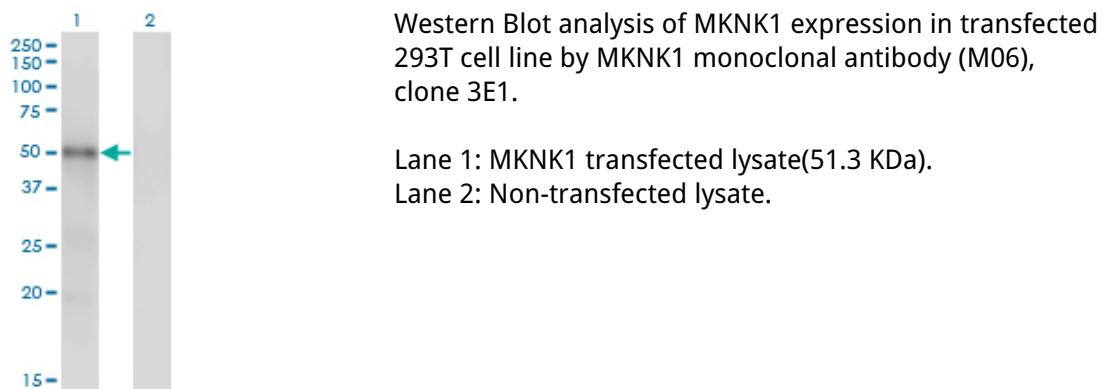
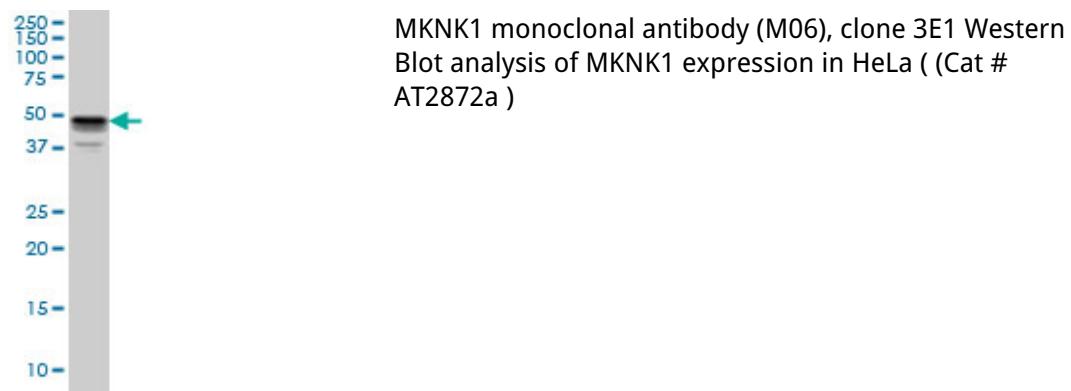
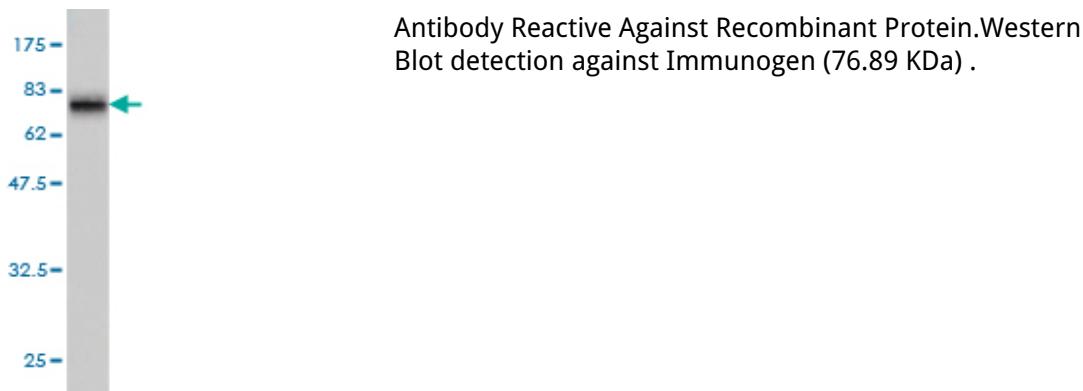
<b>Gene ID</b>	8569
<b>Other Names</b>	MAP kinase-interacting serine/threonine-protein kinase 1, MAP kinase signal-integrating kinase 1, MAPK signal-integrating kinase 1, Mnk1, MKNK1, MNK1
<b>Target/Specificity</b>	MKNK1 (AAH02755.1, 1 a.a. ~ 465 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000 IHC~~1:100~500 IF~~1:50~200
<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>	MKNK1 Antibody (monoclonal) (M06) is for research use only and not for use in diagnostic or therapeutic procedures.

## References

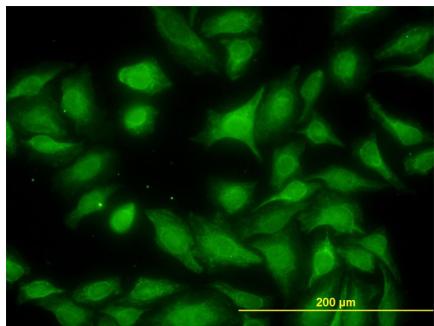
---

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.The C-terminal domain of Mnk1a plays a dual role in tightly regulating its activity. Goto S, et al. Biochem J, 2009 Sep 25. PMID 19650764.Inhibition of mammalian target of rapamycin induces phosphatidylinositol 3-kinase-dependent and Mnk-mediated eukaryotic translation initiation factor 4E phosphorylation. Wang X, et al. Mol Cell Biol, 2007 Nov. PMID 17724079.Characterization of the activity of human MAP kinase-interacting kinase Mnk1b. O'Loghlen A, et al. Biochim Biophys Acta, 2007 Sep. PMID 17590453.Elevated inorganic phosphate stimulates Akt-ERK1/2-Mnk1 signaling in human lung cells. Chang SH, et al. Am J Respir Cell Mol Biol, 2006 Nov. PMID 16763222.

## Images



Immunofluorescence of monoclonal antibody to MKNK1 on HeLa cell. [antibody concentration 10 ug/ml]



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