

MKNK1 / MNK1 Antibody (clone 2H8)
Mouse Monoclonal Antibody
Catalog # ALS14072**Specification**

MKNK1 / MNK1 Antibody (clone 2H8) - Product Information

Application	WB, IF
Primary Accession	Q9BUB5
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	51kDa KDa

MKNK1 / MNK1 Antibody (clone 2H8) - Additional Information**Gene ID** 8569**Other Names**

MAP kinase-interacting serine/threonine-protein kinase 1, 2.7.11.1, MAP kinase signal-integrating kinase 1, MAPK signal-integrating kinase 1, Mnk1, MKNK1, MNK1

Target/Specificity

Human MNK1

Reconstitution & Storage

For long term, store at -20°C. Avoid repeat freeze-thaw cycles.

Precautions

MKNK1 / MNK1 Antibody (clone 2H8) is for research use only and not for use in diagnostic or therapeutic procedures.

MKNK1 / MNK1 Antibody (clone 2H8) - Protein Information**Name** MKNK1**Synonyms** MNK1**Function**

May play a role in the response to environmental stress and cytokines. Appears to regulate translation by phosphorylating EIF4E, thus increasing the affinity of this protein for the 7-methylguanosine- containing mRNA cap.

Cellular Location

[Isoform 2]: Cytoplasm.

Tissue Location

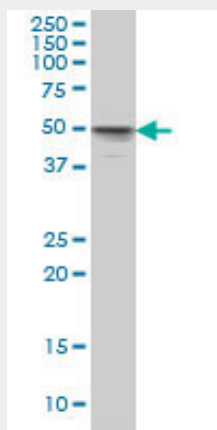
Ubiquitous..

MKNK1 / MNK1 Antibody (clone 2H8) - Protocols

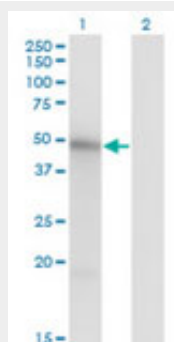
Provided below are standard protocols that you may find useful for product applications.

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

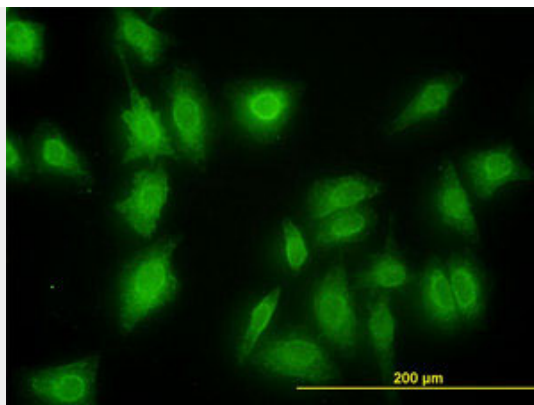
MKNK1 / MNK1 Antibody (clone 2H8) - Images



MKNK1 monoclonal antibody, clone 2H8 Western blot of MKNK1 expression in HeLa.



Western blot of MKNK1 expression in transfected 293T cell line by MKNK1 monoclonal antibody,...



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

MKNK1 / MNK1 Antibody (clone 2H8) - Background

May play a role in the response to environmental stress and cytokines. Appears to regulate translation by phosphorylating EIF4E, thus increasing the affinity of this protein for the 7-methylguanosine-containing mRNA cap.

MKNK1 / MNK1 Antibody (clone 2H8) - References

Fukunaga R.,et al.EMBO J. 16:1921-1933(1997).
Knauf U.,et al.Mol. Cell. Biol. 21:5500-5511(2001).
O'Loughlen A.,et al.Exp. Cell Res. 299:343-355(2004).
Gregory S.G.,et al.Nature 441:315-321(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.