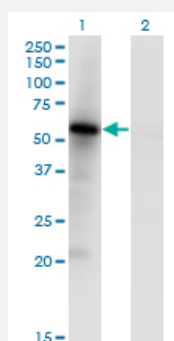


MKNK1 monoclonal antibody (M05), clone 5E2

Catalog # H00008569-M05

Size 100 ug

Applications

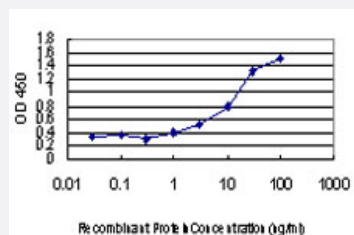


Western Blot (Transfected lysate)

Western Blot analysis of MKNK1 expression in transfected 293T cell line by MKNK1 monoclonal antibody (M05), clone 5E2.

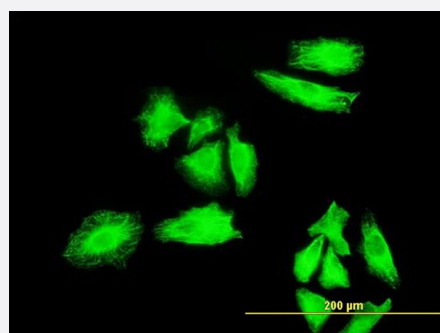
Lane 1: MKNK1 transfected lysate (51.3 kDa).

Lane 2: Non-transfected lysate.



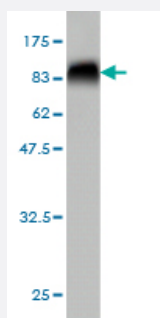
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MKNK1 is approximately 1 ng/ml as a capture antibody.



Immunofluorescence

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



Western Blot detection against Immunogen (76.89 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant MKNK1.
Immunogen	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.
Sequence	MVSSQKLEKPIEMGSSEPLPIADGDRRRKKRRGRATDSLPGKFEDMYKLTSELLGEGAYAKVQ GAVSLQNGKEYAVKIIKQAGHSRSRVFREVELYQCQRNKNILELIEFFEDDTRFYLVFEKLQGGG ILAHIQKQKHFNEREASRVVRGVAAALDFLHTKDKVSLCHLGWSAMAPSGLTAAPTSLGSSDPPT SASQVAGTTGIAHRDLKPENILCESPEKVSPVKICDFDLGSGMKLNNSCTPITPELTTPCGSAEY MAPEVVEVFTDQATFYDKRCDLWSLGVVLYMLSGYPPFVGHCADCGWDRGEVCRVCQNKLF ESIQEGKYEFPDKDWAHISSEAKDLISKLLVRDAKQRLSAAQVLQHPWVQGGAPEKGLPTPQVL QRNSSTMDLTLFAAEAIALNRLLSQHEENELAEPEALADGLCSMKLSPPCKSRLARRRALAQA GRGEDRSPPTAL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (85)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (76.89 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of MKNK1 expression in transfected 293T cell line by MKNK1 monoclonal antibody (M05), clone 5E2.

Lane 1: MKNK1 transfected lysate(51.3 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MKNK1 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

Gene Info — MKNK1

Entrez GeneID	8569
GeneBank Accession#	BC002755
Protein Accession#	AAH02755.1
Gene Name	MKNK1
Gene Alias	MNK1
Gene Description	MAP kinase interacting serine/threonine kinase 1
Omim ID	606724
Gene Ontology	Hyperlink
Other Designations	MAP kinase interacting kinase 1 MAP kinase-interacting serine/threonine kinase 1 OTTHUMP0000009674

Pathway

- [Insulin signaling pathway](#)
- [MAPK signaling pathway](#)

Disease

- [Tobacco Use Disorder](#)