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MKRN2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant MKRN2.
Catalog # AT2876a

Product Information

Application	WB, IF, E
Primary Accession	Q9H000
Other Accession	NM_014160
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	5F8
Calculated MW	46940

Additional Information

Gene ID	23609
Other Names	Probable E3 ubiquitin-protein ligase makorin-2, 632-, RING finger protein 62, MKRN2, RNF62
Target/Specificity	MKRN2 (NP_054879, 317 a.a. ~ 415 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200 E~~N/A
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	MKRN2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

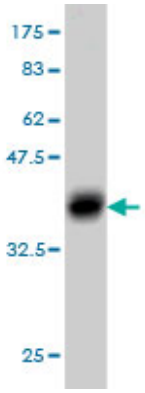
Members of the makorin family, including MKRN2, have a characteristic zinc finger composition that suggests that they are ribonucleoproteins (Gray et al., 2001 [PubMed 11597136]).

References

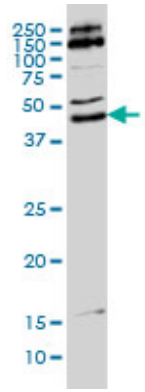
The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039.Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl

Acad Sci U S A, 2002 Dec 24. PMID 12477932.Phylogenetic conservation of the makorin-2 gene, encoding a multiple zinc-finger protein, antisense to the RAF1 proto-oncogene. Gray TA, et al. Genomics, 2001 Oct. PMID 11597136.Cloning and functional analysis of cDNAs with open reading frames for 300 previously undefined genes expressed in CD34+ hematopoietic stem/progenitor cells. Zhang QH, et al. Genome Res, 2000 Oct. PMID 11042152.

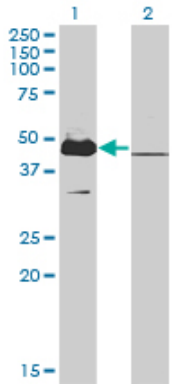
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.63 KDa) .

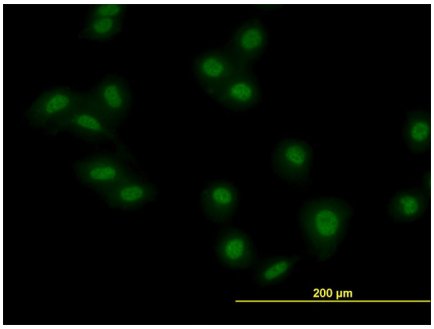


MKRN2 monoclonal antibody (M01), clone 5F8 Western Blot analysis of MKRN2 expression in Hela S3 NE ((Cat # AT2876a)



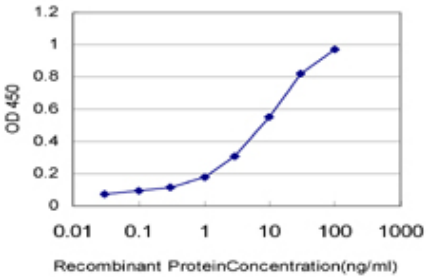
Western Blot analysis of MKRN2 expression in transfected 293T cell line by MKRN2 monoclonal antibody (M01), clone 5F8.

Lane 1: MKRN2 transfected lysate(46.9 KDa).
Lane 2: Non-transfected lysate.

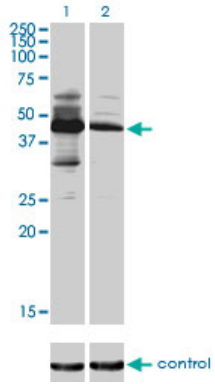


Immunofluorescence of monoclonal antibody to MKRN2 on HeLa cell. [antibody concentration 10 ug/ml]

Detection limit for recombinant GST tagged MKRN2 is



approximately 0.1ng/ml as a capture antibody.



Western blot analysis of MKRN2 over-expressed 293 cell line, cotransfected with MKRN2 Validated Chimera RNAi ((Cat # AT2876a)

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