

TP53RK Antibody (monoclonal) (M02)**Mouse monoclonal antibody raised against a partial recombinant TP53RK.****Catalog # AT4312a****Specification**

TP53RK Antibody (monoclonal) (M02) - Product Information

Application	WB, IF, E
Primary Accession	O96S44
Other Accession	BC009727
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b kappa
Calculated MW	28160

TP53RK Antibody (monoclonal) (M02) - Additional Information**Gene ID** 112858**Other Names**

TP53-regulating kinase, Atypical serine/threonine protein kinase TP53RK, EKC/KEOPS complex subunit TP53RK, 36--, Nori-2, p53-related protein kinase, TP53RK, C20orf64, PRPK

Target/Specificity

TP53RK (AAH09727, 154 a.a. ~ 253 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

TP53RK Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

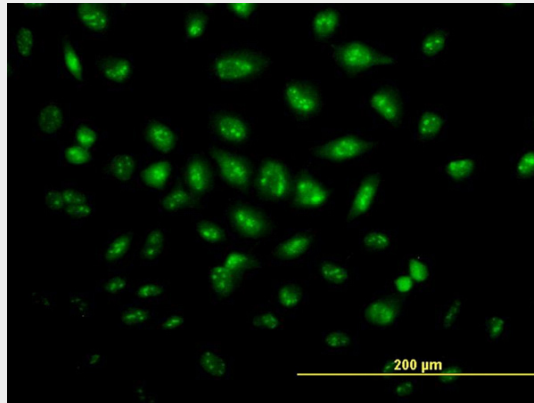
TP53RK Antibody (monoclonal) (M02) - Protocols

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

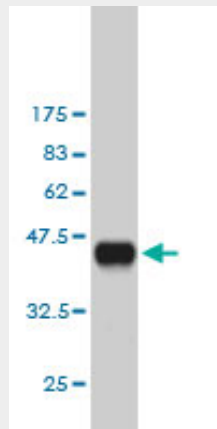
- [Western Blot](#)

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

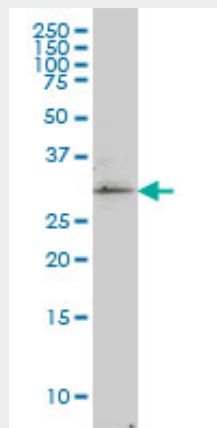
TP53RK Antibody (monoclonal) (M02) - Images



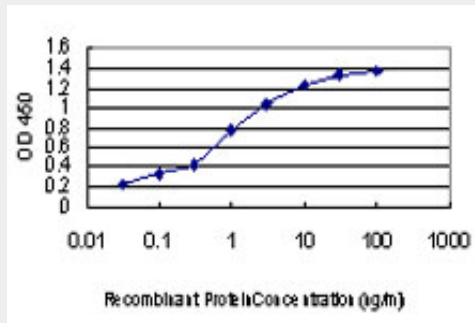
Immunofluorescence of monoclonal antibody to TP53RK on HeLa cell. [antibody concentration 10 ug/ml]



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



TP53RK monoclonal antibody (M02), clone 2A9 Western Blot analysis of TP53RK expression in COLO 320 HSR ((Cat # AT4312a)



Detection limit for recombinant GST tagged TP53RK is approximately 0.03ng/ml as a capture antibody.

TP53RK Antibody (monoclonal) (M02) - References

An approach based on a genome-wide association study reveals candidate loci for narcolepsy. Shimada M, et al. Hum Genet, 2010 Oct. PMID 20677014. Phosphorylation and activation of the atypical kinase p53-related protein kinase (PRPK) by Akt/PKB. Facchin S, et al. Cell Mol Life Sci, 2007 Oct. PMID 17712528. A Small Ras-like protein Ray/Rab1c modulates the p53-regulating activity of PRPK. Abe Y, et al. Biochem Biophys Res Commun, 2006 May 26. PMID 16600182. Towards a proteome-scale map of the human protein-protein interaction network. Rual JF, et al. Nature, 2005 Oct 20. PMID 16189514. 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.