

TP53RK Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant TP53RK.

Catalog # AT4312a

Specification

TP53RK Antibody (monoclonal) (M02) - Product Information

Application	IF, WB, E
Primary Accession	Q96S44
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

Format

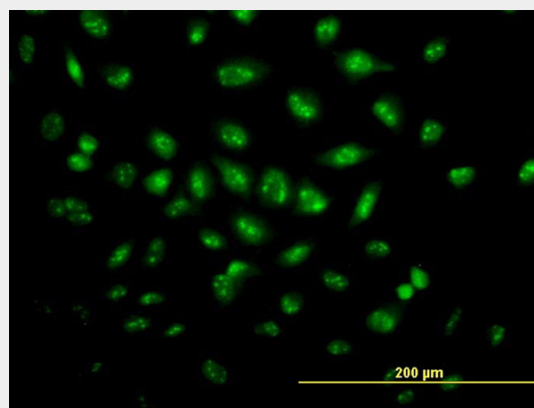
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

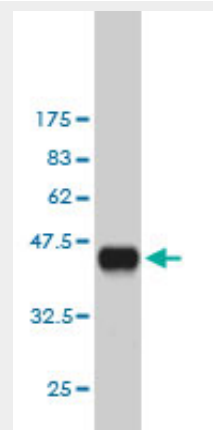
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

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



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

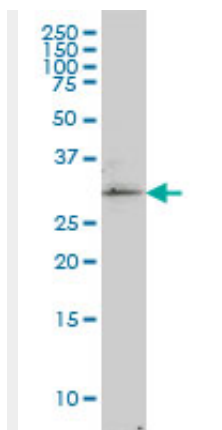


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .

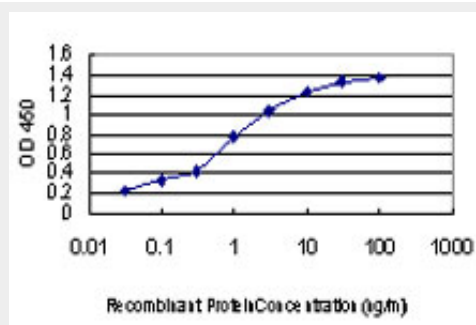
TP53RK Antibody (monoclonal) (M02) - Protocols

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 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.