

TIPIN Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant TIPIN.

Catalog # AT4247a

Specification

TIPIN Antibody (monoclonal) (M01) - Product Information

Application	IF, WB, E
Primary Accession	Q9BVW5
Other Accession	BC000870
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 kappa
Calculated MW	34555

TIPIN Antibody (monoclonal) (M01) - Additional Information

Gene ID 54962

Other Names

TIMELESS-interacting protein, TIPIN

Target/Specificity

TIPIN (AAH00870, 1 a.a. ~ 301 a.a) full-length 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

TIPIN Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

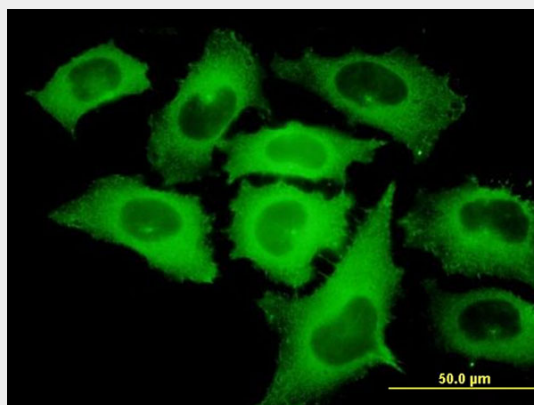
TIPIN Antibody (monoclonal) (M01) - Protocols

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

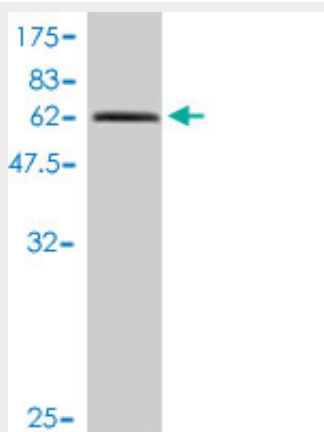
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

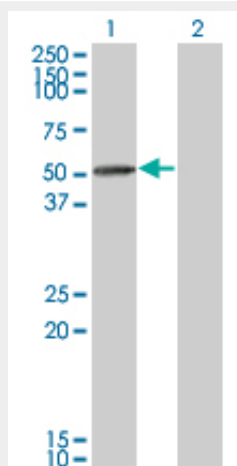
TIPIN Antibody (monoclonal) (M01) - Images



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



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (58.85 KDa) .

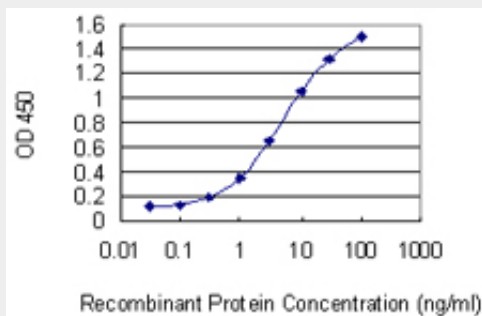


Western Blot analysis of TIPIN expression in transfected 293T cell line by TIPIN monoclonal

antibody (M01), clone 1G11.

Lane 1: TIPIN transfected lysate(34.496 KDa).

Lane 2: Non-transfected lysate.



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

TIPIN Antibody (monoclonal) (M01) - References

Tipin-replication protein A interaction mediates Chk1 phosphorylation by ATR in response to genotoxic stress. Kemp MG, et al. J Biol Chem, 2010 May 28. PMID 20233725. Systematic analysis of circadian genes in a population-based sample reveals association of TIMELESS with depression and sleep disturbance. Utge SJ, et al. PLoS One, 2010 Feb 18. PMID 20174623. Human Timeless and Tipin stabilize replication forks and facilitate sister-chromatid cohesion. Leman AR, et al. J Cell Sci, 2010 Mar 1. PMID 20124417. Defining the human deubiquitinating enzyme interaction landscape. Sowa ME, et al. Cell, 2009 Jul 23. PMID 19615732. The human Tim/Tipin complex coordinates an Intra-S checkpoint response to UV that slows replication fork displacement. Unsal-Ka?maz K, et al. Mol Cell Biol, 2007 Apr. PMID 17296725.