

NUMA1 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant NUMA1.****Catalog # AT3134a****Specification**

NUMA1 Antibody (monoclonal) (M01) - Product Information

Application	IP, WB, E
Primary Accession	Q14980
Other Accession	NM_006185
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	238260

NUMA1 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 4926**Other Names**

Nuclear mitotic apparatus protein 1 {ECO:0000312|HGNC:HGNC:8059}, NuMA protein, Nuclear matrix protein-22, NMP-22, SP-H antigen, NUMA1 (HGNC:8059)

Target/Specificity

NUMA1 (NP_006176, 200 a.a. ~ 306 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

NUMA1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

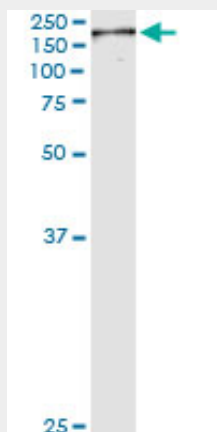
NUMA1 Antibody (monoclonal) (M01) - Protocols

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

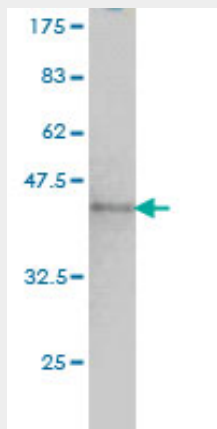
- [Western Blot](#)

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

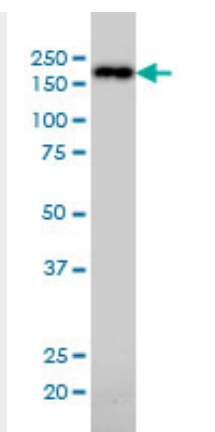
NUMA1 Antibody (monoclonal) (M01) - Images



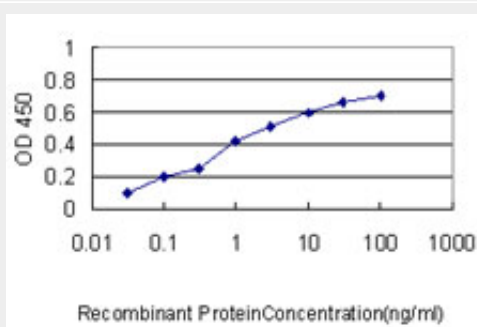
Immunoprecipitation of NUMA1 transfected lysate using anti-NUMA1 monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with NUMA1 MaxPab rabbit polyclonal antibody.



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.51 kDa) .



NUMA1 monoclonal antibody (M01), clone 1C5 Western Blot analysis of NUMA1 expression in K-562 (Cat # AT3134a)



Detection limit for recombinant GST tagged NUMA1 is approximately 0.1ng/ml as a capture antibody.

NUMA1 Antibody (monoclonal) (M01) - References

Centrosome-related genes, genetic variation, and risk of breast cancer. Olson JE, et al. Breast Cancer Res Treat, 2010 May 28. PMID 20508983. Ric-8A and Gi alpha recruit LGN, NuMA, and dynein to the cell cortex to help orient the mitotic spindle. Woodard GE, et al. Mol Cell Biol, 2010 Jul. PMID 20479129. Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614. Interaction between Poly(ADP-ribose) and NuMA contributes to mitotic spindle pole assembly. Chang P, et al. Mol Biol Cell, 2009 Nov. PMID 19759176. Inhibiting Crm1 causes the formation of excess acentriolar spindle poles containing NuMA and B23, but does not affect centrosome numbers. Rousselet A. Biol Cell, 2009 Sep 14. PMID 19522705.