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# NUMA1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant NUMA1.
Catalog # AT3134a

## Product Information

| | |
|---|---|
| **Application** | WB, IP, E |
| **Primary Accession** | Q14980 |
| **Other Accession** | NM_006185 |
| **Reactivity** | Human |
| **Host** | mouse |
| **Clonality** | monoclonal |
| **Isotype** | IgG1 Kappa |
| **Clone Names** | 1C5 |
| **Calculated MW** | 238260 |

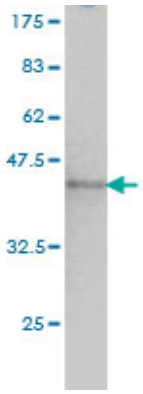
## Additional Information

| | |
|---|---|
| **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 IP~~N/A 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** | NUMA1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures. |

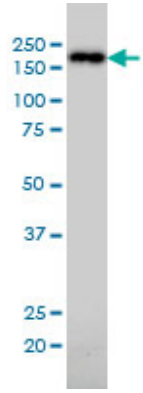
## References

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.

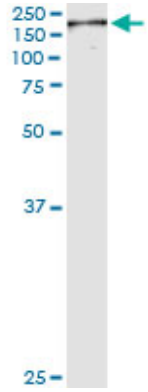
## Images



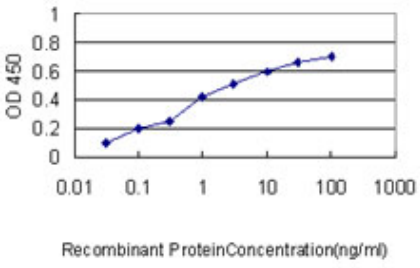

Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.51 KDa) .




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




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




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

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