

## **FOXM1 Antibody (monoclonal) (M01)**

Mouse monoclonal antibody raised against a partial recombinant FOXM1.

Catalog # AT2097a

### **Specification**

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#### **FOXM1 Antibody (monoclonal) (M01) - Product Information**

Application	WB, E
Primary Accession	<a href="#">Q08050</a>
Other Accession	<a href="#">NM_202002</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	84283

#### **FOXM1 Antibody (monoclonal) (M01) - Additional Information**

**Gene ID** 2305

##### **Other Names**

Forkhead box protein M1, Forkhead-related protein FKHL16, Hepatocyte nuclear factor 3 forkhead homolog 11, HFH-11, HNF-3/fork-head homolog 11, M-phase phosphoprotein 2, MPM-2 reactive phosphoprotein 2, Transcription factor Trident, Winged-helix factor from INS-1 cells, FOXM1, FKHL16, HFH11, MPP2, WIN

##### **Target/Specificity**

FOXM1 (NP\_973731.1, 702 a.a. ~ 801 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**

FOXM1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

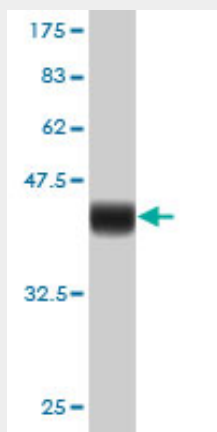
#### **FOXM1 Antibody (monoclonal) (M01) - Protocols**

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

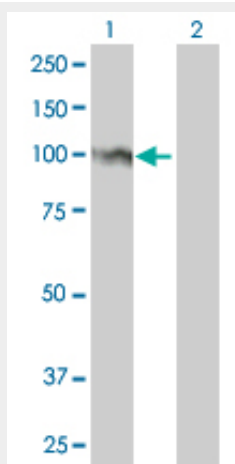
- [Western Blot](#)

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

### FOXM1 Antibody (monoclonal) (M01) - Images



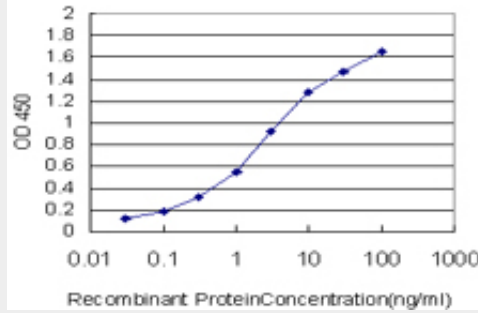
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .



Western Blot analysis of FOXM1 expression in transfected 293T cell line by FOXM1 monoclonal antibody (M01), clone 3A9.

Lane 1: FOXM1 transfected lysate(84 KDa).

Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged FOXM1 is approximately 0.03ng/ml as a capture antibody.

### **FOXM1 Antibody (monoclonal) (M01) - References**

A human B-cell interactome identifies MYB and FOXM1 as master regulators of proliferation in germinal centers. Lefebvre C, et al. Mol Syst Biol, 2010 Jun 8. PMID 20531406. FoxM1 mediates resistance to herceptin and paclitaxel. Carr JR, et al. Cancer Res, 2010 Jun 15. PMID 20530690. Recovery from a DNA-damage-induced G2 arrest requires Cdk-dependent activation of FoxM1. Alvarez-Fernandez M, et al. EMBO Rep, 2010 Jun. PMID 20379221. Attenuation of Forkhead signaling by the retinal determination factor DACH1. Zhou J, et al. Proc Natl Acad Sci U S A, 2010 Apr 13. PMID 20351289. EPS8 upregulates FOXM1 expression, enhancing cell growth and motility. Wang H, et al. Carcinogenesis, 2010 Jun. PMID 20351091.

### **FOXM1 Antibody (monoclonal) (M01) - Citations**

- [GLI2 promotes cell proliferation and migration through transcriptional activation of ARHGEF16 in human glioma cells.](#)