

**TOPORS Antibody (monoclonal) (M01)****Mouse monoclonal antibody raised against a partial recombinant TOPORS.****Catalog # AT4308a****Specification**

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**TOPORS Antibody (monoclonal) (M01) - Product Information**

|                   |                           |
|-------------------|---------------------------|
| Application       | IF, WB, IHC, E            |
| Primary Accession | <a href="#">O9NS56</a>    |
| Other Accession   | <a href="#">NM_005802</a> |
| Reactivity        | Human                     |
| Host              | mouse                     |
| Clonality         | Monoclonal                |
| Isotype           | IgG2a Kappa               |
| Calculated MW     | 119198                    |

**TOPORS Antibody (monoclonal) (M01) - Additional Information****Gene ID** 10210**Other Names**

E3 ubiquitin-protein ligase Topors, 632-, SUMO1-protein E3 ligase Topors, Topoisomerase I-binding RING finger protein, Topoisomerase I-binding arginine/serine-rich protein, Tumor suppressor p53-binding protein 3, p53-binding protein 3, p53BP3, TOPORS, LUN, TP53BPL

**Target/Specificity**

TOPORS (NP\_005793, 98 a.a. ~ 205 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**

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

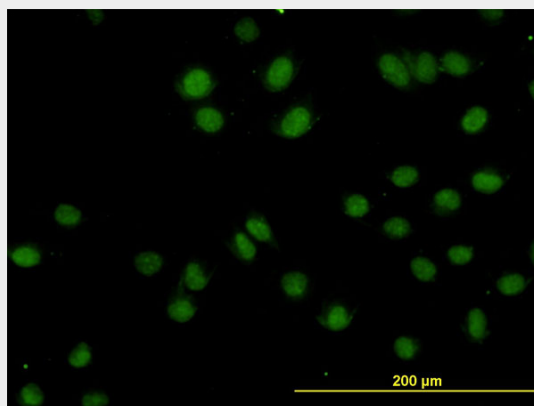
**TOPORS Antibody (monoclonal) (M01) - Protocols**

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

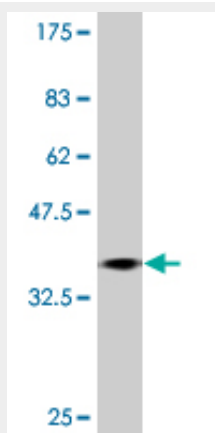
- [Western Blot](#)
- [Blocking Peptides](#)

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

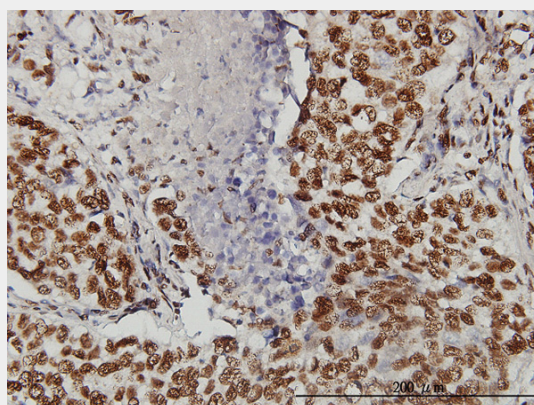
### TOPORS Antibody (monoclonal) (M01) - Images



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

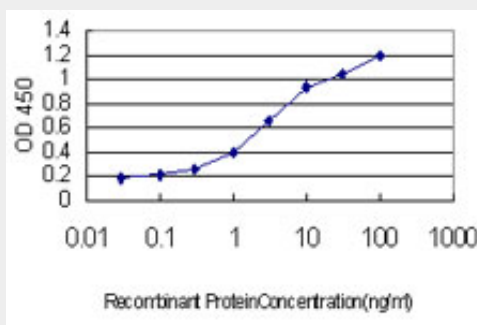


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.62 KDa) .



Immunoperoxidase of monoclonal antibody to TOPORS on formalin-fixed paraffin-embedded

human lung, adenosquamous cell carcinoma. [antibody concentration 3 ug/ml]



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

### **TOPORS Antibody (monoclonal) (M01) - Background**

This gene encodes a nuclear protein which is serine and arginine rich, and contains a RING-type zinc finger domain. It is highly expressed in the testis, and functions as an ubiquitin-protein E3 ligase. Mutations in this gene are associated with retinitis pigmentosa type 31. Alternatively spliced transcript variants, encoding different isoforms, have been observed for this locus.

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

1. Mitotic Phosphorylation Stimulates DNA Relaxation Activity of Human Topoisomerase I. Hackbarth JS, Galvez-Peralta M, Dai NT, Loegering DA, Peterson KL, Meng XW, Karnitz LM, Kaufmann SH. J Biol Chem. 2008 Jun 13;283(24):16711-22. Epub 2008 Apr 11.