

**TPT1 Antibody (monoclonal) (M01)**

Mouse monoclonal antibody raised against a partial recombinant TPT1.

Catalog # AT4327a

**Specification**

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**TPT1 Antibody (monoclonal) (M01) - Product Information**

|                   |                          |
|-------------------|--------------------------|
| Application       | IF, WB, E                |
| Primary Accession | <a href="#">P13693</a>   |
| Other Accession   | <a href="#">BC022436</a> |
| Reactivity        | Human                    |
| Host              | mouse                    |
| Clonality         | Monoclonal               |
| Isotype           | IgG1 Kappa               |
| Calculated MW     | 19595                    |

**TPT1 Antibody (monoclonal) (M01) - Additional Information****Gene ID** 7178**Other Names**

Translationally-controlled tumor protein, TCTP, Fortilin, Histamine-releasing factor, HRF, p23, TPT1

**Target/Specificity**

TPT1 (AAH22436, 35 a.a. ~ 138 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**

TPT1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

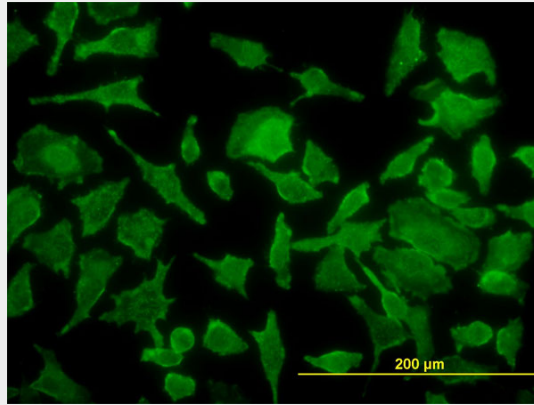
**TPT1 Antibody (monoclonal) (M01) - Protocols**

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

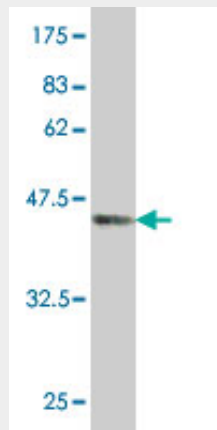
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

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

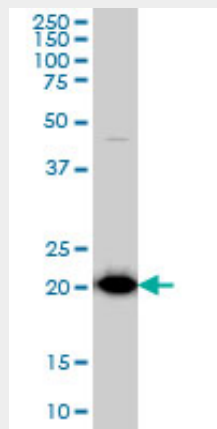
### TPT1 Antibody (monoclonal) (M01) - Images



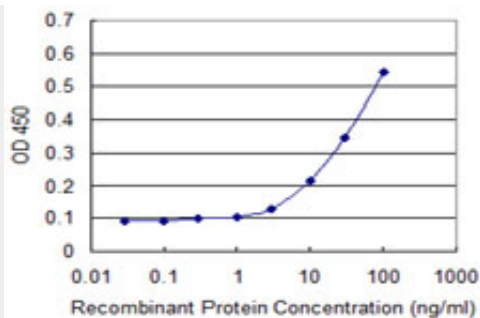
Immunofluorescence of monoclonal antibody to TPT1 on HeLa cell. [antibody concentration 30 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.18 KDa) .



TPT1 monoclonal antibody (M01), clone 3C7 Western Blot analysis of TPT1 expression in HepG2 ( Cat # AT4327a )



Detection limit for recombinant GST tagged TPT1 is approximately 0.3ng/ml as a capture antibody.

### **TPT1 Antibody (monoclonal) (M01) - References**

1. TCTP increases stability of hypoxia-inducible factor 1 $\alpha$  by interaction with and degradation of the tumor suppressor VHL. Chen K, Chen S, Huang C, Cheng H, Zhou R. *Biol Cell*. 2013 Feb 6. doi: 10.1111/boc.201200080.