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# TSSK1 Antibody (monoclonal) (M01)

**Mouse monoclonal antibody raised against a partial recombinant TSSK1.**
**Catalog # AT4383a**

## Specification

### TSSK1 Antibody (monoclonal) (M01) - Product Information

| | |
|---|---|
| Application | **WB, E** |
| Primary Accession | Q9BXA7 |
| Other Accession | BC022515 |
| Reactivity | **Human** |
| Host | **mouse** |
| Clonality | **Monoclonal** |
| Isotype | **IgG1 Kappa** |
| Calculated MW | **41618** |

### TSSK1 Antibody (monoclonal) (M01) - Additional Information

**Gene ID** 83942

**Other Names**
Testis-specific serine/threonine-protein kinase 1, TSK-1, TSK1, TSSK-1, Testis-specific kinase 1, Serine/threonine-protein kinase 22A, TSSK1B, SPOGA1, SPOGA4, STK22A, STK22D, TSSK1

**Target/Specificity**
TSSK1 (AAH22515, 267 a.a. ~ 367 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**
TSSK1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

### TSSK1 Antibody (monoclonal) (M01) - Protocols

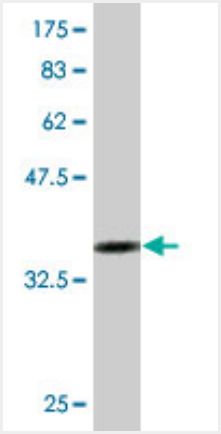
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

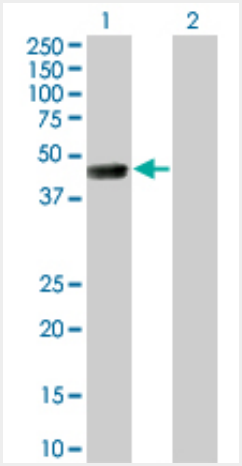
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- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

**TSSK1 Antibody (monoclonal) (M01) - Images**



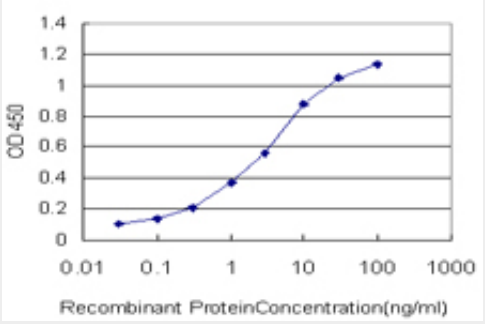

Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .




Western Blot analysis of TSSK1 expression in transfected 293T cell line by TSSK1 monoclonal antibody (M01), clone 4F12.

Lane 1: TSSK1 transfected lysate(41.6 KDa).
Lane 2: Non-transfected lysate.

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Detection limit for recombinant GST tagged TSSK1 is approximately 0.03ng/ml as a capture antibody.

## TSSK1 Antibody (monoclonal) (M01) - Background

TSSK1 belongs to a family of serine/threonine kinases highly expressed in testis (Hao et al., 2004 [PubMed 15044604]).

## TSSK1 Antibody (monoclonal) (M01) - References

1.Expression and Localization of Five Members of the Testis-Specific Serine Kinase (Tssk) Family in Mouse and Human Sperm and Testis.Li Y, Sosnik J, Brassard L, Reese M, Spiridonov NA, Bates TC, Johnson GR, Anguita J, Visconti PE, Salicioni AM.Mol Hum Reprod. 2011 Jan;17(1):42-56. Epub 2010 Aug 20.