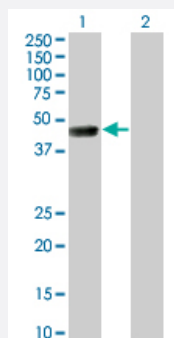


TSSK1B monoclonal antibody (M01), clone 4F12

Catalog # H00083942-M01

Size 100 ug

Applications

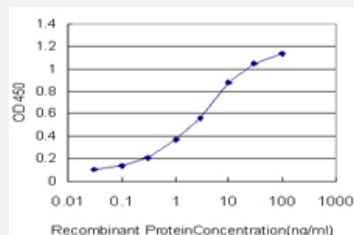


Western Blot (Transfected lysate)

Western Blot analysis of TSSK1B expression in transfected 293T cell line by TSSK1B monoclonal antibody (M01), clone 4F12.

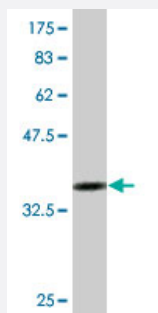
Lane 1: TSSK1B transfected lysate(41.6 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TSSK1B is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant TSSK1B.

Immunogen	TSSK1B (AAH22515, 267 a.a. ~ 367 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LSHCWMQPKARGSPSVAINKEGESSRGTEPLWTPEPGSDKKSATKLEPEGEAQPQAQPETKPE GTAMQMSRQSEILGFPSKPSTMETEEGPPQQPPETRAQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (63); Rat (65)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of TSSK1B expression in transfected 293T cell line by TSSK1B monoclonal antibody (M01), clone 4F12.

Lane 1: TSSK1B transfected lysate(41.6 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TSSK1B is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — TSSK1B

Entrez GeneID	83942
GeneBank Accession#	BC022515
Protein Accession#	AAH22515
Gene Name	TSSK1B
Gene Alias	FKSG81, SPOGA4, STK22D, TSSK1
Gene Description	testis-specific serine kinase 1B
Omim ID	610709
Gene Ontology	Hyperlink
Gene Summary	TSSK1 belongs to a family of serine/threonine kinases highly expressed in testis (Hao et al., 2004 [PubMed 15044604]).[supplied by OMIM]
Other Designations	OTTHUMP00000159055 serine/threonine kinase 22D (spermiogenesis associated) serine/threonine kinase FKSG81 spermiogenesis associated 4 testis-specific serine kinase 1

Publication Reference

- [Expression of Testis-specific Serine/Threonine Kinases during the Reproductive and Nonreproductive Seasons and Their Localization in Mature Spermatozoa of Tree Shrews \(Tupaia belangeri\).](#)

Xia Tan, Xin Zhang, Xiang Li, Minghua Yang, Yahui Li.

Comparative Medicine 2023 Aug; 73(4):277.

Application: IHC-P, Tree shrew, Sperm
- [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.

Molecular Human Reproduction 2011 Jan; 17(1):42.

Application: IF, WB-Ce, Human, Mouse, Sperm, Testes