

# Product Datasheet

## TSSK2 Antibody (1E12) - Azide and BSA Free H00023617-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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**H00023617-M01**

TSSK2 Antibody (1E12) - Azide and BSA Free

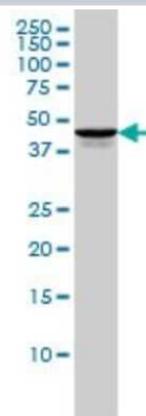
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1E12
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description	
Description	Novus Biologicals Mouse TSSK2 Antibody (1E12) - Azide and BSA Free (H00023617-M01) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-TSSK2 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	23617
Gene Symbol	TSSK2
Species	Human, Mouse
Reactivity Notes	Cross reacts with Mouse sperm (see product review). Other species not tested.
Specificity/Sensitivity	TSSK2 - testis-specific serine kinase 2
Immunogen	TSSK2 (AAH37781, 1 a.a. ~ 358 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MDDATVLRKKGIVGINLGKGSYAKVKSAYSERLKFNVAVKIIDRKKTPDFVER FLPREMDILATVNHGSIKTYEIFETSDGRIYIIMELGVQGDLLLEFIKCQ GALHEDV ARKMFRQLSSAVKYCHDLDIVHRDLKCNLLLLDKDFNIKLSDFGFSKRCLRDSN GRIILSKTFCGSAAYAAPEVLQSIYPYQPKVYDIWSLGVILYIMVCGSMPYDDSDIR KMLRIQKEHRVDFPRSKNLTCECKDLIYRMLQPDVSQRLHIDEILSHSWLQPPK PKATSSASFKREGEKGYRAECKLDTKDLRDPDHRPDHKLGAKTQHRLLVVPEN ENRMEDRLAETSRAKDHHISGAIEVGKAST
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

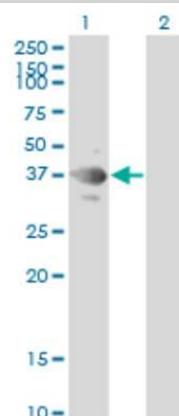
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500
Application Notes	Antibody reactive against cell lysate and recombinant protein for western blot. It has also been used for ELISA. Per customer report, additional use in immunocytochemistry/immunofluorescence and Immunohistochemistry.

## Images

Western Blot: TSSK2 Antibody (1E12) [H00023617-M01] - TSSK2 monoclonal antibody (M01), clone 1E12 Analysis of TSSK2 expression in HL-60.



Western Blot: TSSK2 Antibody (1E12) [H00023617-M01] - Analysis of TSSK2 expression in transfected 293T cell line by TSSK2 monoclonal antibody (M01), clone 1E12. Lane 1: TSSK2 transfected lysate(41 kDa). Lane 2: Non-transfected lysate.



## Publications

Jha KN, Coleman AR, Wong L et al. HSP90 functions to stabilize and activate the testis-specific serine/threonine kinases, a family of kinases essential for male fertility. *J Biol Chem* 2013-04-18 [PMID: 23599433] (WB, Human, Mouse)

Li Y, Sosnik J, Brassard L et al. Expression and Localization of Five Members of the Testis-Specific Serine Kinase (Tssk) Family in Mouse and Human Sperm and Testis. *Mol Hum Reprod* 2010-08-20 [PMID: 20729278] (IF/IHC, ICC/IF, WB, Mouse, Human)



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to H00023617-M01**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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