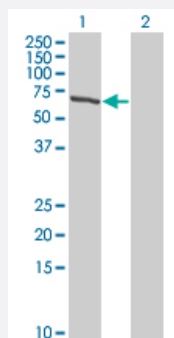


TESK2 monoclonal antibody (M08), clone 5G1

Catalog # H00010420-M08

Size 100 ug

Applications

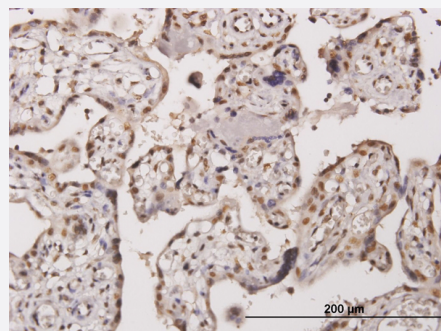


Western Blot (Transfected lysate)

Western Blot analysis of TSK2 expression in transfected 293T cell line by TSK2 monoclonal antibody (M08), clone 5G1.

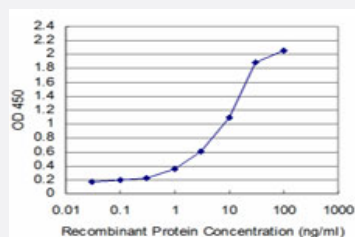
Lane 1: TSK2 transfected lysate (60.3 KDa).

Lane 2: Non-transfected lysate.



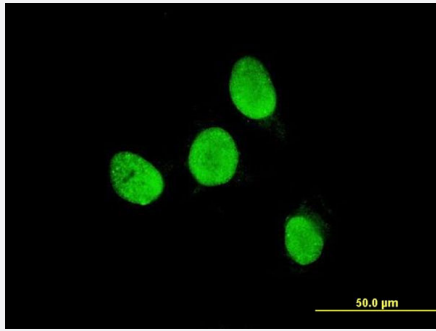
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to TSK2 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 0.7 ug/ml]



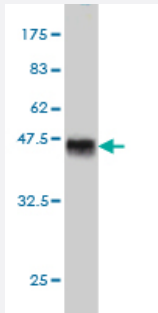
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TSK2 is approximately 0.1 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to TESK2 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (40.81 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant TESK2.
Immunogen	TESK2 (AAH33085, 405 a.a. ~ 542 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	GPGTMPLADWQEPLAPPIRRWCSLPGSPEFLHQEACPFVGREESLSDGPPPRLLSSLK YRVKEIP PFRASALPAAQAHEAMDCSI LQEENGFGSRPQGTSPCPAGASEEMEVEERPAGSTPATFSTSGI GLQTQ GKQDG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (82); Rat (84)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (40.81 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 TESK2 expression in transfected 293T cell line by TESK2 monoclonal antibody (M08), clone 5G1.

Lane 1: TESK2 transfected lysate(60.3 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to TESK2 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 0.7 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TESK2 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to TESK2 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — TESK2

Entrez GeneID [10420](#)

GeneBank Accession# [BC033085](#)

Protein Accession# [AAH33085](#)

Gene Name TESK2

Gene Alias -

Gene Description testis-specific kinase 2

Omim ID	604746
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Gene Ontology	Hyperlink
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Gene Summary	<p>This gene product is a serine/threonine protein kinase that contains an N-terminal protein kinase domain that is structurally similar to the kinase domains of testis-specific protein kinase-1 and the LIM motif-containing protein kinases (LIMKs). Its overall structure is most related to the former, indicating that it belongs to the TESK subgroup of the LIMK/TESK family of protein kinases. This gene is predominantly expressed in testis and prostate. The developmental expression pattern of the rat gene in testis suggests an important role for this gene in meiotic stages and/or early stages of spermiogenesis. [provided by RefSeq]</p>
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Other Designations	OTTHUMP00000009093 testis-specific protein kinase 2
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