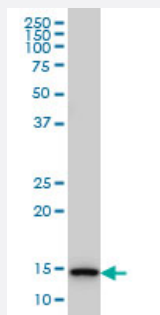


TCEB2 monoclonal antibody (M01), clone 6F6

Catalog # H00006923-M01

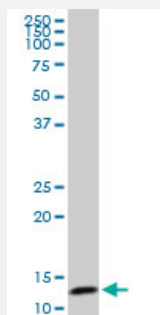
Size 100 ug

Applications



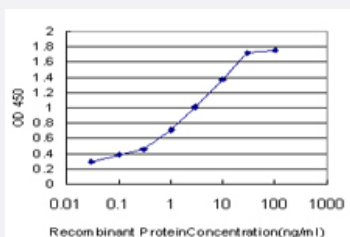
Western Blot (Cell lysate)

TCEB2 monoclonal antibody (M01), clone 6F6 Western Blot analysis of TCEB2 expression in HeLa S3 NE (Cat # L013V3).



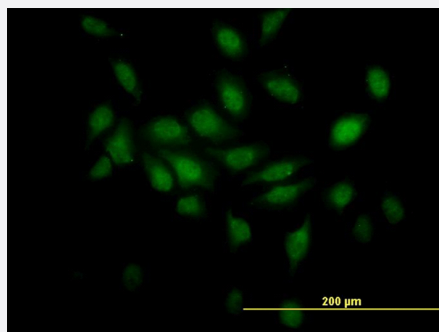
Western Blot (Cell lysate)

TCEB2 monoclonal antibody (M01), clone 6F6. Western Blot analysis of TCEB2 expression in PC-12 (Cat # L012V1).



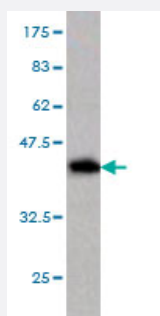
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TCEB2 is approximately 0.03ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to TCEB2 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant TCEB2.
Immunogen	TCEB2 (NP_009039, 9 a.a. ~ 118 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	RHKTIFTDAKESSTVFELKRMEGILKRPPDEQRLYKDDQLLDDGKTLGECGFTSQARPQAPAT VGLAFRADDTFEALCIEPFSSPELPDVMKPDQSGSSANEQAVQ
Host	Mouse
Reactivity	Human, Rat
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 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 (Cell lysate)

TCEB2 monoclonal antibody (M01), clone 6F6 Western Blot analysis of TCEB2 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Cell lysate)

TCEB2 monoclonal antibody (M01), clone 6F6. Western Blot analysis of TCEB2 expression in PC-12 (Cat # L012V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TCEB2 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to TCEB2 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — TCEB2

Entrez GeneID	6923
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GeneBank Accession#	NM_007108
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Protein Accession#	NP_009039
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Gene Name	TCEB2
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Gene Alias	ELOB, SIII
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Gene Description	transcription elongation factor B (SIII), polypeptide 2 (18kDa, elongin B)
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Omim ID	600787
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Gene Ontology	Hyperlink
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Gene Summary

This gene encodes the protein elongin B, which is a subunit of the transcription factor B (SIII) complex. The SIII complex is composed of elongins A/A2, B and C. It activates elongation by RNA polymerase II by suppressing transient pausing of the polymerase at many sites within transcription units. Elongin A functions as the transcriptionally active component of the SIII complex, whereas elongins B and C are regulatory subunits. Elongin A2 is specifically expressed in the testis, and capable of forming a stable complex with elongins B and C. The von Hippel-Lindau tumor suppressor protein binds to elongins B and C, and thereby inhibits transcription elongation. Two alternatively spliced transcript variants encoding different isoforms have been described for this gene. Pseudogenes have been identified on chromosomes 11 and 13. [provided by RefSeq]

Other Designations

RNA polymerase II transcription factor SIII p18 subunit|SIII p18|elongin B|elongin, 18-kD subunit|transcription elongation factor B (SIII), polypeptide 2 (18kD, elongin B)

Pathway

- [Pathways in cancer](#)
- [Renal cell carcinoma](#)
- [Ubiquitin mediated proteolysis](#)