

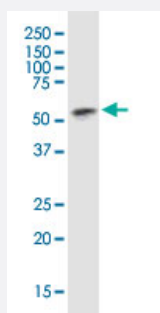
CX Grade

TEAD4 monoclonal antibody (M01J), clone 5H3

Catalog # H00007004-M01J

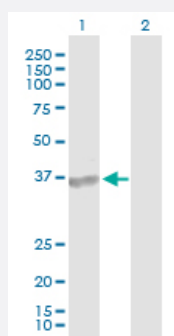
Size 100 ug

Applications



Western Blot (Cell lysate)

TEAD4 monoclonal antibody (M01J), clone 5H3. Western Blot analysis of TEAD4 expression in HeLa.

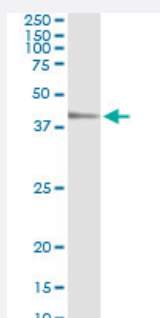


Western Blot (Transfected lysate)

Western Blot analysis of TEAD4 expression in transfected 293T cell line by TEAD4 monoclonal antibody (M01J), clone 5H3.

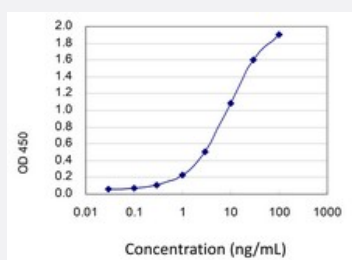
Lane 1: TEAD4 transfected lysate (Predicted MW: 34.2 KDa).

Lane 2: Non-transfected lysate.



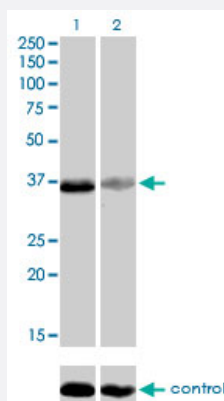
Immunoprecipitation

Immunoprecipitation of TEAD4 transfected lysate using anti-TEAD4 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with TEAD4 MaxPab rabbit polyclonal antibody.



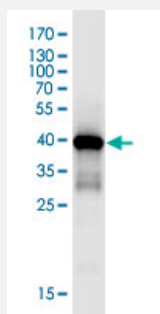
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TEAD4 is 0.1 ng/ml as a capture antibody.



RNAi Knockdown (Antibody validated)

Western blot analysis of TEAD4 over-expressed 293 cell line, cotransfected with TEAD4 Validated Chimera RNAi (Cat # H00007004-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with TEAD4 monoclonal antibody (M01), clone 5H3 (Cat # H00007004-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant TEAD4. This product is belong to Cell Culture Grade Antibody (CX Grade).
Immunogen	TEAD4 (NP_003204, 151 a.a. ~ 260 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	ARGPGRPAVSGFWQGALPGQAGTSHDVKPFSSQQTAYVQPPLPLPGFESPAGPAPSPSPAPPAP PWQGRSVASSKLWMLFSAFLEQQQDPDPTYNKHLFVHIGQSSPSYSDP
Host	Mouse
Reactivity	Human
Preparation Method	Cell Culture Production
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)

TEAD4 monoclonal antibody (M01J), clone 5H3. Western Blot analysis of TEAD4 expression in HeLa.

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- Western Blot (Transfected lysate)

Western Blot analysis of TEAD4 expression in transfected 293T cell line by TEAD4 monoclonal antibody (M01J), clone 5H3.

Lane 1: TEAD4 transfected lysate (Predicted MW: 34.2 KDa).

Lane 2: Non-transfected lysate.

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- Western Blot (Recombinant protein)

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- Immunoprecipitation

Immunoprecipitation of TEAD4 transfected lysate using anti-TEAD4 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with TEAD4 MaxPab rabbit polyclonal antibody.

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- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TEAD4 is 0.1 ng/ml as a capture antibody.

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- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of TEAD4 over-expressed 293 cell line, cotransfected with TEAD4 Validated Chimera RNAi (Cat # H00007004-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with TEAD4 monoclonal antibody (M01), clone 5H3 (Cat # H00007004-M01). GAPDH (36.1 kDa) used as specificity and loading control.

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Gene Info — TEAD4

Entrez GeneID

[7004](#)

GeneBank Accession#	NM_003213
Protein Accession#	NP_003204
Gene Name	TEAD4
Gene Alias	EFTR-2, MGC9014, RTEF1, TCF13L1, TEF-3, TEFR-1, hRTEF-1B
Gene Description	TEA domain family member 4
Omim ID	601714
Gene Ontology	Hyperlink
Gene Summary	<p>This gene product is a member of the transcriptional enhancer factor (TEF) family of transcription factors, which contain the TEA/ATTS DNA-binding domain. It is preferentially expressed in the skeletal muscle, and binds to the M-CAT regulatory element found in promoters of muscle-specific genes to direct their gene expression. Alternatively spliced transcripts encoding distinct isoforms, some of which are translated through the use of a non-AUG (UUG) initiation codon, have been described for this gene. [provided by RefSeq]</p>
Other Designations	related transcription enhancer factor 1B transcription factor 13-like 1 transcriptional enhancer factor 1-related transcriptional enhancer factor 3