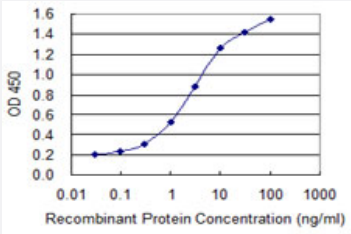
TEAD3 monoclonal antibody (M01), clone 1C4

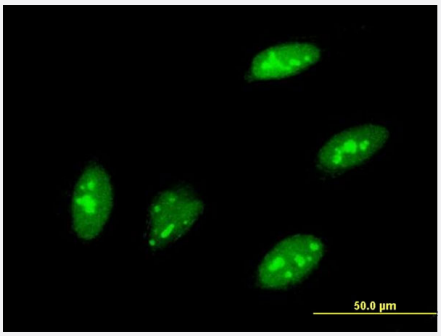
Catalog # H00007005-M01 Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TEAD3 is 0.03 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to TEAD3 on HeLa cell . [antibody concentration 10 ug/ml]

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant TEAD3.
Immunogen	TEAD3 (NP_003205, 215 a.a. ~ 302 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	WQDRTIASSRLRLLEYSAFMEVQRDPDTYSKHLFVHIGQTNPAFSDPPLEAVDVRQIYDKFPEKKGGLKELYEKGPPNAFFLVKFWAD
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (100); Rat (100)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

  Detection limit for recombinant GST tagged TEAD3 is 0.03 ng/ml as a capture antibody.

  Protocol Download

- ELISA

- Immunofluorescence

  Immunofluorescence of monoclonal antibody to TEAD3 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — TEAD3

Entrez GeneID	7005
GeneBank Accession#	NM_003214
Protein Accession#	NP_003205
Gene Name	TEAD3
Gene Alias	DTEF-1, ETFR-1, TEAD5, TEF-5, TEF5
Gene Description	TEA domain family member 3
Omim ID	603170
Gene Ontology	Hyperlink
Gene Summary	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 predominantly expressed in the placenta and is involved in the transactivation of the chorionic somatomammotropin-B gene enhancer. Translation of this protein is initiated at a non-AUG (AUA) start codon. [provided by RefSeq

Other Designations	OTTHUMP00000039597|TEA domain family member 5|Transcriptional enhancer factor TEF-5 (D TEF-1)|transcriptional enhancer factor 5

Publication Reference

- Systems-based identification of the Hippo pathway for promoting fibrotic mesenchymal differentiation in systemic sclerosis.

  Feiyang Ma, Pei-Suen Tsou, Mehrnaz Gharaee-Kermani, Olesya Plazyo, Xianying Xing, Joseph Kirma, Rachael Wasikowski, Grace A Hile, Paul W Harms, Yanyun Jiang, Enze Xing, Mio Nakamura, Danielle Ochocki, William D Brodie, Shiv Pillai, Emanual Maverakis, Matteo Pellegrini, Robert L Modlin, John Varga, Lam C Tsoi, Robert Lafyatis, J Michelle Kahlenberg, Allison C Billi, Dinesh Khanna, Johann E Gudjonsson.

  Nature Communications 2024 Jan; 15(1):210.

  Application: IF, Human, Skin