

[KD Validated] Anti-TEAD4 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

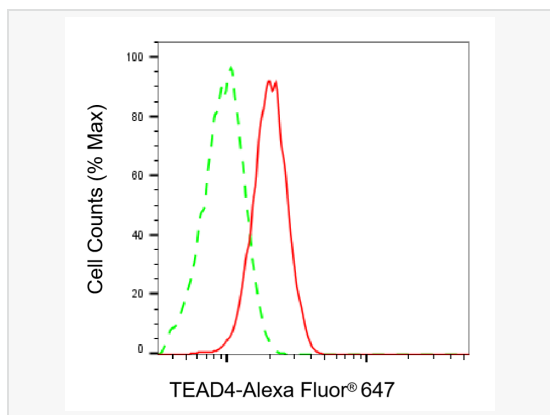
Catalog # R020389

Product Information

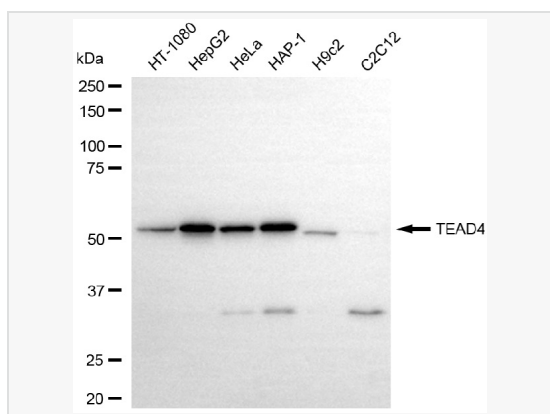
Application	WB, FC, IF (Cell)/ICC
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:5,000; FC 1:200~1:2,000; IF 1:100~1:1,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	77D69E94
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human TEAD4
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 12 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	[KD Validated] Anti-TEAD4 Rabbit mAb [77D69E94] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

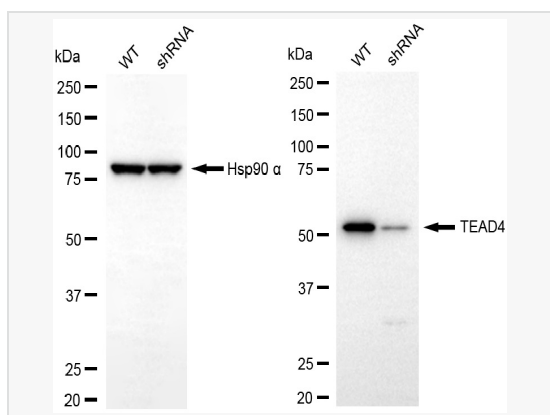
Synonyms	TEAD4; TEA Domain Transcription Factor 4; TEA Domain Family Member 4; TCF13L1; TEFR-1; EFTR-2; TEF-3; Transcriptional Enhancer Factor TEF-3; Transcriptional Enhancer Factor 3; Transcription Factor 13-Like 1; Transcription Factor RTEF-1; RTEF-1; RTEF1; TEF3; Transcriptional Enhancer Factor 1-Related; Related Transcription Enhancer Factor 1B; HRTEF-1B; TEAD-4.
Calculated MW	Calculated MW: 48 kDa; Observed MW: 54 kDa
Uniprot ID	Q15561
Gene ID	7004
Background	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.



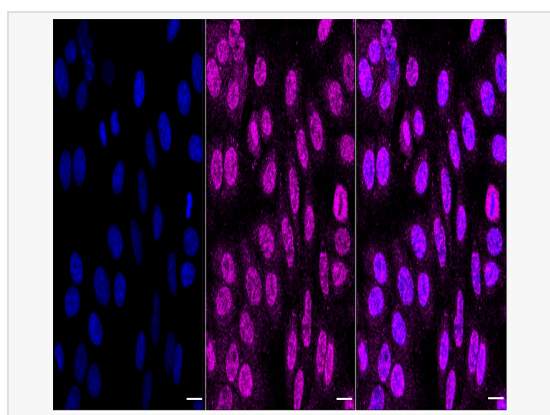
Flow cytometric analysis of TEAD4 expression in HepG2 cells using TEAD4 antibody (R020389, 1:2,000). Green, isotype control; red, TEAD4.



Western blotting analysis using TEAD4 antibody (R020389). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with TEAD4 antibody (R020389, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (1:20,000) respectively. Image was developed using ECL Substrate Kit.



Western blotting analysis using TEAD4 antibody (R020389). TEAD4 expression in wild type (WT) and TEAD4 shRNA knockdown (KD) HepG2 cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with TEAD4 antibody (R020389, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (1:20,000) respectively. Image was developed using ECL Substrate Kit.



Immunocytochemical staining of HepG2 cells with TEAD4 antibody (R020389, 1:1,000). Nuclei were stained blue with DAPI; TEAD4 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar, 20 μ m.