



[Go to Product page](#)

Datasheet for ABIN563135

anti-TEAD4 antibody (AA 151-260)

6 Images

3 Publications

Overview

Quantity:	100 µg
Target:	TEAD4
Binding Specificity:	AA 151-260
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TEAD4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP), RNA Interference (RNAi)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant TEAD4.
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:	ARGPGRPAVS GFWQGALPGQ AGTSHDVKPF SQQTYAVQPP LPLPGFESPA GPAPSPSAPP APPWQGRSVA SSKLWMLEFS AFLEQQQDPD TYNKHLFVHI GQSSPSYSDP
Clone:	5H3
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	TEAD4
Alternative Name:	TEAD4 (TEAD4 Products)
Background:	Full Gene Name: TEA domain family member 4 Synonyms: EFTR-2,MGC9014,RTEF1,TCF13L1,TEF-3,TEFR-1,hRTEF-1B
Gene ID:	7004
NCBI Accession:	NM_003213
Pathways:	Regulation of Lipid Metabolism by PPARalpha

Application Details

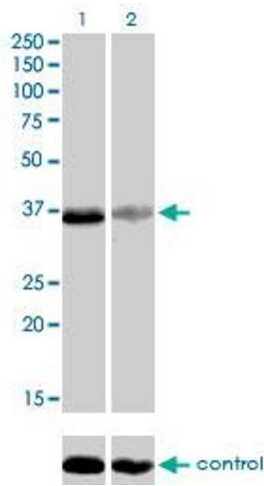
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

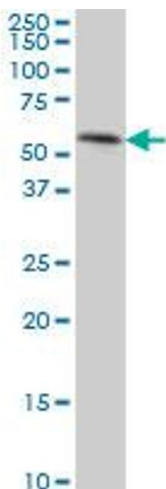
Publications

Product cited in:	<p>Lim, Park, Kim, Park, Kim, Sohn, Noh, Song, Kim, Kim, Kim: "Integrative genomics analysis reveals the multilevel dysregulation and oncogenic characteristics of TEAD4 in gastric cancer." in: Carcinogenesis, Vol. 35, Issue 5, pp. 1020-7, (2014) (PubMed).</p> <p>ODriscoll, Coulter, Bressler: "Induction of a trophoblast-like phenotype by hydralazine in the p19 embryonic carcinoma cell line." in: Biochimica et biophysica acta, Vol. 1833, Issue 3, pp. 460-7, (2013) (PubMed).</p> <p>Benhaddou, Keime, Ye, Morlon, Michel, Jost, Mengus, Davidson: "Transcription factor TEAD4 regulates expression of myogenin and the unfolded protein response genes during C2C12 cell differentiation." in: Cell death and differentiation, Vol. 19, Issue 2, pp. 220-31, (2012) (PubMed).</p>
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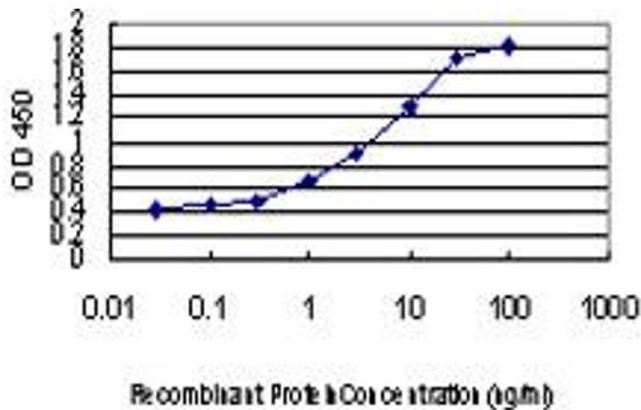
Western Blotting

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



Western Blotting

Image 2. TEAD4 monoclonal antibody (M01), clone 5H3 Western Blot analysis of TEAD4 expression in HeLa .



ELISA

Image 3. Detection limit for recombinant GST tagged TEAD4 is approximately 0.03ng/ml as a capture antibody.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN563135.