

## Datasheet

### TAF7 monoclonal antibody (M01), clone 2C5

**Catalog Number:** H00006879-M01

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant TAF7.

**Clone Name:** 2C5

**Immunogen:** TAF7 (AAH32737, 130 a.a. ~ 224 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

FIWNHGITLPLKNVRKRRFRKTAKKKYIESPDVEKEVK  
RLSTDAEAVSTRWEIIAEDETKEAENQGLDISSPGMS  
GHRQGHDSLEHDELREIFN

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, IF, IHC-P, RNAi-Ab, S-ELISA, WB-Ce, WB-Re, WB-Tr  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Isotype:** IgG2a Kappa

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 6879

**Gene Symbol:** TAF7

**Gene Alias:** TAF2F, TAFII55

**Gene Summary:** The intronless gene for this transcription coactivator is located between the protocadherin beta and gamma gene clusters on

chromosome 5. The protein encoded by this gene is a component of the TFIID protein complex, a complex which binds to the TATA box in class II promoters and recruits RNA polymerase II and other factors. This particular subunit interacts with the largest TFIID subunit, as well as multiple transcription activators. The protein is required for transcription by promoters targeted by RNA polymerase II. [provided by RefSeq]

**References:**

1. Taf7l cooperates with Trf2 to regulate spermiogenesis. Zhou H, Grubisic I, Zheng K, He Y, Wang PJ, Kaplan T, Tjian R Proc Natl Acad Sci U S A. 2013 Oct 15;110(42):16886-91. doi: 10.1073/pnas.1317034110. Epub 2013 Sep 30.
2. Dual functions of TAF7L in adipocyte differentiation. Zhou H, Kaplan T, Li Y, Grubisic I, Zhang Z, Wang PJ, Eisen MB, Tjian R. elife. 2013;2:e00170. doi: 10.7554/eLife.00170. Epub 2013 Jan 8.
3. Core promoter recognition complex changes accompany liver development. D'Alessio JA, Ng R, Willenbring H, Tjian R. Proc Natl Acad Sci U S A. 2011 Mar 8;108(10):3906-11. Epub 2011 Feb 22.