

# TAF10 mouse monoclonal antibody (hybridoma)

Catalog # H00006881-M

Size Up to 5 Clones

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a full-length recombinant TAF10.
<b>Immunogen</b>	TAF10 (NP_006275.1, 1 a.a. ~ 218 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	MSCSGSGADPEAAPASAASAPGPAPPVSAPAALPSSTAAENKASPAGTAGGPGAGAAAGGTG PLAARAGEPAERRGAAPVSAGGAAPPEGASNGVYVLP SAANGDVKPVVSSSTPLVDFLMQLEDY TPTIPDAVTGYLNRAGFEASDPRIIRLISLAAQKFISDIANDALQHCKMKGTASGSSRSKSKDRKYT LTMEDLTPALSEYGINVKKPHYFT
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (92); Rat (93)
<b>Quality Control Testing</b>	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
<b>Deliverables</b>	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
<b>Note</b>	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — TAF10

**Entrez GeneID** [6881](#)

**GeneBank Accession#** [NM\\_006284.2](#)

**Protein Accession#** [NP\\_006275.1](#)

**Gene Name** TAF10

**Gene Alias** TAF2A, TAF2H, TAFII30

**Gene Description** TAF10 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 30kDa

**Omim ID** [600475](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary**

Initiation of transcription by RNA polymerase II requires the activities of more than 70 polypeptide s. The protein that coordinates these activities is transcription factor IID (TFIID), which binds to the core promoter to position the polymerase properly, serves as the scaffold for assembly of the remainder of the transcription complex, and acts as a channel for regulatory signals. TFIID is composed of the TATA-binding protein (TBP) and a group of evolutionarily conserved proteins known as TBP-associated factors or TAFs. TAFs may participate in basal transcription, serve as coactivators, function in promoter recognition or modify general transcription factors (GTFs) to facilitate complex assembly and transcription initiation. This gene encodes one of the small subunits of TFIID that is associated with a subset of TFIID complexes. Studies with human and mammalian cells have shown that this subunit is required for transcriptional activation by the estrogen receptor, for progression through the cell cycle, and may also be required for certain cellular differentiation programs . [provided by RefSeq]

**Other Designations** TAF10 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 30 kD|TATA box binding protein (TBP)-associated factor, RNA polymerase II, H, 30kD|TBP-related factor 10|transcription initiation factor TFIID 30 kD subunit

## Pathway

- [Basal transcription factors](#)