

**TAF5L Antibody (monoclonal) (M01)****Mouse monoclonal antibody raised against a partial recombinant TAF5L.****Catalog # AT4146a****Specification**

---

**TAF5L Antibody (monoclonal) (M01) - Product Information**

Application	WB
Primary Accession	<a href="#">O75529</a>
Other Accession	<a href="#">NM_014409</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	66155

**TAF5L Antibody (monoclonal) (M01) - Additional Information****Gene ID** 27097**Other Names**TAF5-like RNA polymerase II p300/CBP-associated factor-associated factor 65 kDa subunit 5L,  
PCAF-associated factor 65 beta, PAF65-beta, TAF5L, PAF65B**Target/Specificity**

TAF5L (NP\_055224, 1 a.a. ~ 117 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Dilution**

WB~~1:500~1000

**Format**

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

**Storage**

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

**Precautions**

TAF5L Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

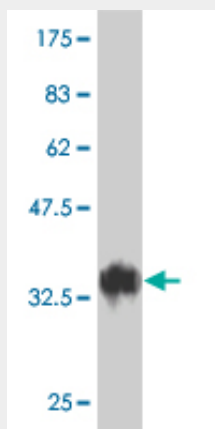
**TAF5L Antibody (monoclonal) (M01) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

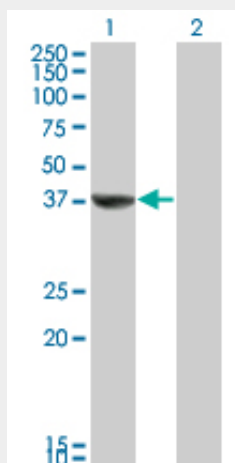
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### TAF5L Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.61 kDa) .



Western Blot analysis of TAF5L expression in transfected 293T cell line by TAF5L monoclonal antibody (M01), clone 1C5.

Lane 1: TAF5L transfected lysate (36.99 kDa).

Lane 2: Non-transfected lysate.

#### TAF5L Antibody (monoclonal) (M01) - Background

The product of this gene belongs to the WD-repeat TAF5 family of proteins. This gene encodes a protein that is a component of the PCAF histone acetylase complex. The PCAF histone acetylase complex, which is composed of more than 20 polypeptides some of which are TAFs, is required for myogenic transcription and differentiation. TAFs may participate in basal transcription, serve as coactivators, function in promoter recognition or modify general transcription factors to facilitate complex assembly and transcription initiation. The encoded protein is structurally similar to one of the histone-like TAFs, TAF5. Alternatively spliced transcript variants encoding different isoforms

have been identified for this gene.

#### **TAF5L Antibody (monoclonal) (M01) - References**

Defining the human deubiquitinating enzyme interaction landscape. Sowa ME, et al. Cell, 2009 Jul 23. PMID 19615732. A TFTC/STAGA module mediates histone H2A and H2B deubiquitination, coactivates nuclear receptors, and counteracts heterochromatin silencing. Zhao Y, et al. Mol Cell, 2008 Jan 18. PMID 18206972. Systematic analysis of the protein interaction network for the human transcription machinery reveals the identity of the 7SK capping enzyme. Jeronimo C, et al. Mol Cell, 2007 Jul 20. PMID 17643375. Cooperative interactions between CBP and TORC2 confer selectivity to CREB target gene expression. Ravnskjaer K, et al. EMBO J, 2007 Jun 20. PMID 17476304. PCAF modulates PTEN activity. Okumura K, et al. J Biol Chem, 2006 Sep 8. PMID 16829519.