

**TAZ Antibody (monoclonal) (M19)**  
**Mouse monoclonal antibody raised against a full length recombinant TAZ.**  
**Catalog # AT4159a**

## Specification

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### TAZ Antibody (monoclonal) (M19) - Product Information

Application	IF, E
Primary Accession	<a href="#">Q16635</a>
Other Accession	<a href="#">BC011515</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	30203

### TAZ Antibody (monoclonal) (M19) - Additional Information

**Gene ID** 6901

**Other Names**

Tafazzin, Protein G45, TAZ, EFE2, G45

**Target/Specificity**

TAZ (AAH11515, 1 a.a. ~ 262 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Dilution**

IF~~1:50~200

E~~N/A

**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**

TAZ Antibody (monoclonal) (M19) is for research use only and not for use in diagnostic or therapeutic procedures.

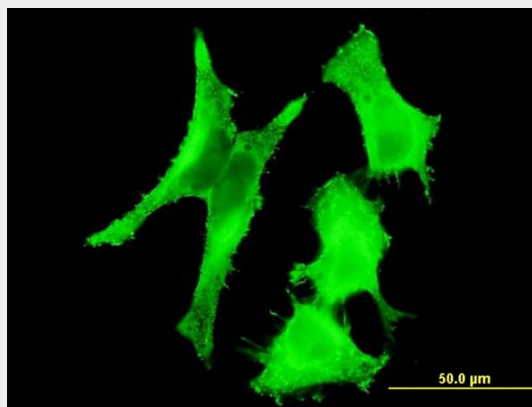
### TAZ Antibody (monoclonal) (M19) - Protocols

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

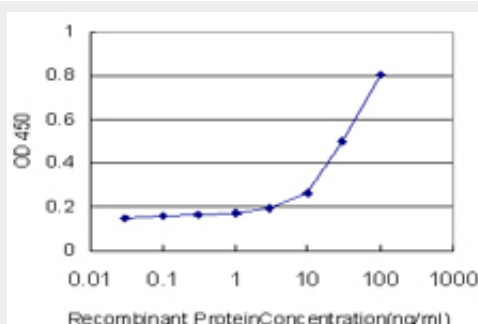
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

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

#### TAZ Antibody (monoclonal) (M19) - Images



Immunofluorescence of monoclonal antibody to TAZ on HeLa cell . [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged TAZ is approximately 10ng/ml as a capture antibody.

#### TAZ Antibody (monoclonal) (M19) - Background

This gene encodes a protein that is expressed at high levels in cardiac and skeletal muscle. Mutations in this gene have been associated with a number of clinical disorders including Barth syndrome, dilated cardiomyopathy (DCM), hypertrophic DCM, endocardial fibroelastosis, and left ventricular noncompaction (LVNC). Multiple transcript variants encoding different isoforms have been described. A long form and a short form of each of these isoforms is produced; the short form lacks a hydrophobic leader sequence and may exist as a cytoplasmic protein rather than being membrane-bound. Other alternatively spliced transcripts have been described but the full-length nature of all these transcripts is not known.

#### TAZ Antibody (monoclonal) (M19) - References

A novel custom resequencing array for dilated cardiomyopathy. Zimmerman RS, et al. Genet Med, 2010 May. PMID 20474083. Human transcriptional coactivator with PDZ-binding motif (TAZ) is downregulated during decidualization. Strakova Z, et al. Biol Reprod, 2010 Jun. PMID 20164440. Characterization of tafazzin splice variants from humans and fruit flies. Xu Y, et al. J Biol Chem, 2009 Oct 16. PMID 19700766. Mutations in TAZ/WWTR1, a co-activator of NKX2.1 and PAX8 are not a frequent cause of thyroid dysgenesis. Ferrara AM, et al. J Endocrinol Invest, 2009 Mar.

PMID 19542741. TEAD transcription factors mediate the function of TAZ in cell growth and epithelial-mesenchymal transition. Zhang H, et al. J Biol Chem, 2009 May 15. PMID 19324877.