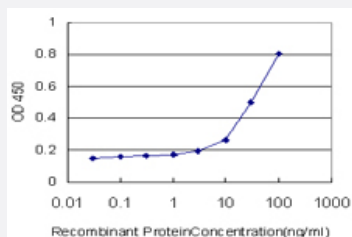


# TAZ monoclonal antibody (M19), clone 3C10

Catalog # H00006901-M19

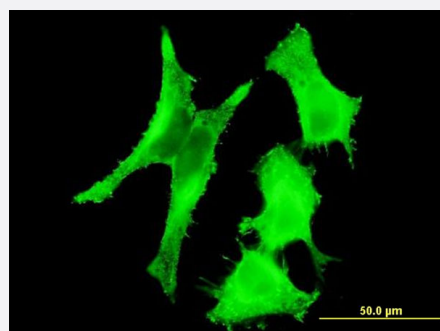
Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

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



### Immunofluorescence

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

## Specification

### Product Description

Mouse monoclonal antibody raised against a full length recombinant TAZ.

### Immunogen

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

### Sequence

MPLHVKWPFPAVPPLTWTLASSVVMGLVGTYSFCWTSEWAQAEAGPPGYPCPAGGILKLRHIW  
NLKLMRWTPAAADICFTKELHSHFFSLGKCVPCRGDGVYQKGMDFILEKLNHGDWVHIFPEGIG  
RLIAECHLNPILPLWHVGEPEGDREMASGVGGLGLPLVPGCPAPPHVWPSVHCAAGMNDVLP  
NSPPYFPRFGQKITVLIGKPFSA LPVLERLRAENKSAVEMRKALTDIFIQEEFQHLKTQAEQLHNHL  
Q PGR

### Host

Mouse

Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

## Gene Info — TAZ

Entrez GeneID	<a href="#">6901</a>
GeneBank Accession#	<a href="#">BC011515</a>
Protein Accession#	<a href="#">AAH11515</a>
Gene Name	TAZ
Gene Alias	BTHS, CMD3A, EFE, EFE2, FLJ27390, G4.5, LVNCX, Taz1, XAP-2
Gene Description	tafazzin
Omim ID	<a href="#">300069</a> <a href="#">300183</a> <a href="#">300394</a> <a href="#">302060</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

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. [provided by RefSeq]

**Other Designations**

OTTHUMP00000031946|OTTHUMP00000031947|OTTHUMP00000031948|OTTHUMP00000031949|OTTHUMP00000061673

**Disease**

- [Cardiomyopathy](#)
- [Thyroid Dysgenesis](#)