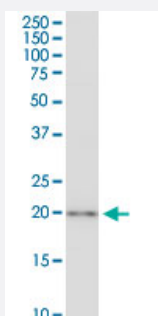


# CSRP3 monoclonal antibody (M03), clone 6D2

Catalog # H00008048-M03

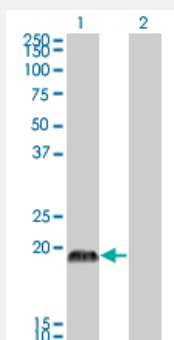
Size 100 ug

## Applications



### Western Blot (Cell lysate)

CSRP3 monoclonal antibody (M03), clone 6D2. Western Blot analysis of CSRP3 expression in Hela S3 NE.

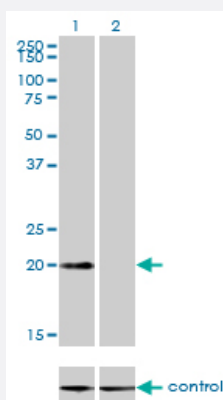


### Western Blot (Transfected lysate)

Western Blot analysis of CSRP3 expression in transfected 293T cell line by CSRP3 monoclonal antibody (M03), clone 6D2.

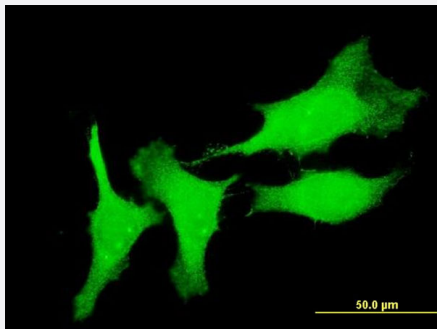
Lane 1: CSRP3 transfected lysate(20.969 kDa).

Lane 2: Non-transfected lysate.



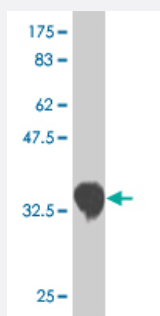
### RNAi Knockdown (Antibody validated)

Western blot analysis of CSRP3 over-expressed 293 cell line, cotransfected with CSRP3 Validated Chimera RNAi ( Cat # H00008048-R01V ) (Lane 2) or non-transfected control (Lane 1). Blot probed with CSRP3 monoclonal antibody (M03), clone 6D2 (Cat # H00008048-M03 ). GAPDH ( 36.1 kDa ) used as specificity and loading control.



## Immunofluorescence

Immunofluorescence of monoclonal antibody to CSRP3 on HeLa cell .  
[antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.74 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant CSRP3.
<b>Immunogen</b>	CSRP3 (NP_003467, 95 a.a. ~ 194 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	SPKPARSVTTSNPSKFTAKFGESEKCPRCGKSVYAAEKVMGGGKPWHKTCFRCAICGKSLEST NVTDKDGELYCKVCYAKNFGPTGIGFGGLTQQVEKKE
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (97)
<b>Isotype</b>	IgG2a Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Cell lysate)

CSRP3 monoclonal antibody (M03), clone 6D2. Western Blot analysis of CSRP3 expression in Hela S3 NE.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of CSRP3 expression in transfected 293T cell line by CSRP3 monoclonal antibody (M03), clone 6D2.

Lane 1: CSRP3 transfected lysate(20.969 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of CSRP3 over-expressed 293 cell line, cotransfected with CSRP3 Validated Chimera RNAi ( Cat # H00008048-R01V ) (Lane 2) or non-transfected control (Lane 1). Blot probed with CSRP3 monoclonal antibody (M03), clone 6D2 (Cat # H00008048-M03 ). GAPDH ( 36.1 kDa ) used as specificity and loading control.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of monoclonal antibody to CSRP3 on HeLa cell . [antibody concentration 10 ug/ml]

## Gene Info — CSRP3

Entrez GeneID [8048](#)

GeneBank Accession# [NM\\_003476](#)

Protein Accession# [NP\\_003467](#)

Gene Name CSRP3

Gene Alias CLP, CMD1M, CMH12, CRP3, LMO4, MGC14488, MGC61993, MLP

Gene Description	cysteine and glycine-rich protein 3 (cardiac LIM protein)
Omim ID	<a href="#">600824 607482</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>This gene encodes a member of the CSRP family of LIM domain proteins, which may be involved in regulatory processes important for development and cellular differentiation. The LIM/double zinc-finger motif found in this protein is found in a group of proteins with critical functions in gene regulation, cell growth, and somatic differentiation. Mutations in this gene are thought to cause heritable forms of hypertrophic cardiomyopathy (HCM) and dilated cardiomyopathy (DCM) in humans. Alternatively spliced transcript variants with different 5' UTR, but encoding the same protein, have been found for this gene. [provided by RefSeq]</p>
Other Designations	LIM domain only 4 cardiac LIM domain protein cardiac LIM protein cysteine and glycine-rich protein 3 cysteine-rich protein 3 muscle LIM protein

## Disease

- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)