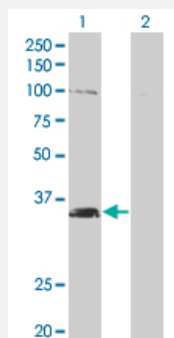


# MSI2 monoclonal antibody (M11), clone 3B6

Catalog # H00124540-M11

Size 100 ug

## Applications

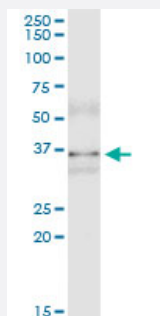


### Western Blot (Transfected lysate)

Western Blot analysis of MSI2 expression in transfected 293T cell line by MSI2 monoclonal antibody (M11), clone 3B6.

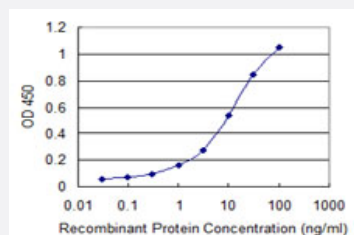
Lane 1: MSI2 transfected lysate (35.2 KDa).

Lane 2: Non-transfected lysate.



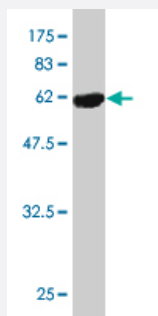
### Immunoprecipitation

Immunoprecipitation of MSI2 transfected lysate using anti-MSI2 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with MSI2 monoclonal antibody.



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MSI2 is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (61.82 KDa) .

## Specification

|                                      |                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Mouse monoclonal antibody raised against a full length recombinant MS12.                                                                                                                                                                                                                                                                                 |
| <b>Immunogen</b>                     | MS12 (AAH01526, 1 a.a. ~ 328 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.                                                                                                                                                                                                                                       |
| <b>Sequence</b>                      | MEANGSQGTSGSANDSQHDPGKMFIGGLSWQTSPDSLRYFSKFGEIRECMVMRDPTTKRSRG<br>FGFVTFADPASVDKVLGQPHHELDSTIDPKVAFPRRAQPKM/TRTKKIFVGGLSANTVVEDVKQ<br>YFEQFGKVEDAMLMFDKTTNRHRGFGFVTFENEDVVEKVCEIHFHEINNMVECKKAQPKVEMF<br>PPGTRGRARGLPYTMDAFMLGMGMLGYPNFVATYGRGYPGFAPSYGYQFGFPAAAYGPVAAA<br>AVAAARGSGSNPARPGGFPGANSPGPVADLYGPASQDSGVGNYSAAASPQPGSGFGHGIAGPLI<br>ATAFTNGYH |
| <b>Host</b>                          | Mouse                                                                                                                                                                                                                                                                                                                                                    |
| <b>Reactivity</b>                    | Human                                                                                                                                                                                                                                                                                                                                                    |
| <b>Interspecies Antigen Sequence</b> | Mouse (94)                                                                                                                                                                                                                                                                                                                                               |
| <b>Isotype</b>                       | IgG2b Kappa                                                                                                                                                                                                                                                                                                                                              |
| <b>Quality Control Testing</b>       | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (61.82 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 (Transfected lysate)

Western Blot analysis of MSI2 expression in transfected 293T cell line by MSI2 monoclonal antibody (M11), clone 3B6.

Lane 1: MSI2 transfected lysate(35.2 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of MSI2 transfected lysate using anti-MSI2 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with MSI2 monoclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MSI2 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — MSI2

|               |                        |
|---------------|------------------------|
| Entrez GeneID | <a href="#">124540</a> |
|---------------|------------------------|

|                     |                          |
|---------------------|--------------------------|
| GeneBank Accession# | <a href="#">BC001526</a> |
|---------------------|--------------------------|

|                    |                          |
|--------------------|--------------------------|
| Protein Accession# | <a href="#">AAH01526</a> |
|--------------------|--------------------------|

|           |      |
|-----------|------|
| Gene Name | MSI2 |
|-----------|------|

|            |                          |
|------------|--------------------------|
| Gene Alias | FLJ36569, MGC3245, MSI2H |
|------------|--------------------------|

|                  |                                |
|------------------|--------------------------------|
| Gene Description | musashi homolog 2 (Drosophila) |
|------------------|--------------------------------|

|         |                        |
|---------|------------------------|
| Omim ID | <a href="#">607897</a> |
|---------|------------------------|

|               |                           |
|---------------|---------------------------|
| Gene Ontology | <a href="#">Hyperlink</a> |
|---------------|---------------------------|

**Gene Summary**

This gene encodes a protein containing two conserved tandem RNA recognition motifs. Similar proteins in other species function as RNA-binding proteins and play central roles in posttranscriptional gene regulation. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]

**Other Designations**

musashi 2

## Publication Reference

- [Msi2-mediated MiR7a-1 processing repression promotes myogenesis.](#)

Wenjun Yang, Lele Yang, Jianhua Wang, Yuanyuan Zhang, Sheng Li, Qi Yin, Jinlong Suo, Ruimiao Ma, Yuzhen Ye, Hong Cheng, Jinsong Li, Jingyi Hui, Ping Hu.

Journal of Cachexia, Sarcopenia and Muscle 2022 Feb; 13(1):728.

Application: WB-Ce, WB-Tr, Mouse, Mouse muscle stem cells (Mouse muscle)

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Tobacco Use Disorder](#)