

# USF2 monoclonal antibody (M01), clone 5E9

Catalog # H00007392-M01

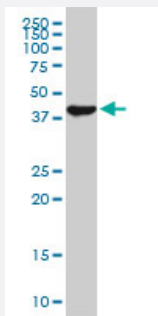
Size 100 ug

## Applications



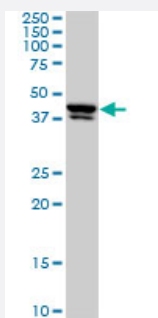
### Western Blot (Cell lysate)

USF2 monoclonal antibody (M01), clone 5E9. Western Blot analysis of USF2 expression in HeLa.



### Western Blot (Cell lysate)

USF2 monoclonal antibody (M01), clone 5E9. Western Blot analysis of USF2 expression in PC-12 ( Cat # L012V1 ).



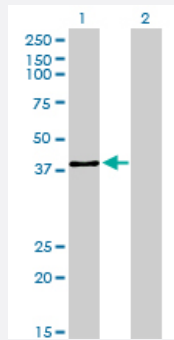
### Western Blot (Cell lysate)

USF2 monoclonal antibody (M01), clone 5E9. Western Blot analysis of USF2 expression in HeLa S3 NE ( Cat # L013V3 ).



### Western Blot (Cell lysate)

USF2 monoclonal antibody (M01), clone 5E9. Western Blot analysis of USF2 expression in different cell lines.

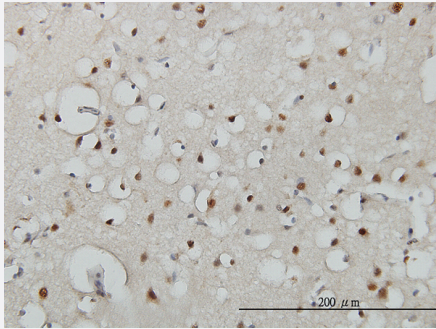


## Western Blot (Transfected lysate)

Western Blot analysis of USF2 expression in transfected 293T cell line by USF2 monoclonal antibody (M01), clone 5E9.

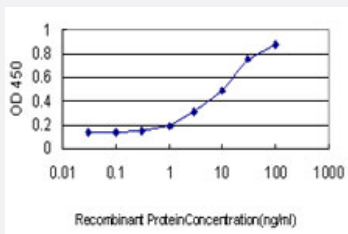
Lane 1: USF2 transfected lysate(37 KDa).

Lane 2: Non-transfected lysate.



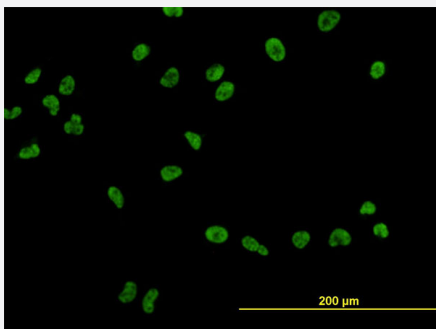
## Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to USF2 on formalin-fixed paraffin-embedded human cerebral cortex. [antibody concentration 1 ug/ml]



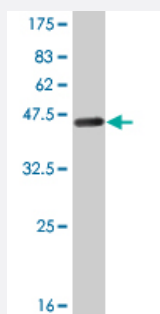
## Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged USF2 is approximately 0.3ng/ml as a capture antibody.



## Immunofluorescence

Immunofluorescence of monoclonal antibody to USF2 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 USF2.                                            |
| <b>Immunogen</b>                     | USF2 (NP_003358, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| <b>Sequence</b>                      | MDMLDPGLDPAASATAAAAASHDKGPEAEEGVELQEGGDGPGAEEQTAVAITSVQQAAFGDH<br>NIQYQFRTETNGGQVYRNVQVTDGQLDGQGDTAGAVS         |
| <b>Host</b>                          | Mouse                                                                                                           |
| <b>Reactivity</b>                    | Human, Rat                                                                                                      |
| <b>Interspecies Antigen Sequence</b> | Mouse (96); Rat (96)                                                                                            |
| <b>Isotype</b>                       | IgG2a Kappa                                                                                                     |
| <b>Quality Control Testing</b>       | Antibody Reactive Against Recombinant Protein.<br>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)

USF2 monoclonal antibody (M01), clone 5E9. Western Blot analysis of USF2 expression in HeLa.

[Protocol Download](#)

- Western Blot (Cell lysate)

USF2 monoclonal antibody (M01), clone 5E9. Western Blot analysis of USF2 expression in PC-12 ( Cat # L012V1 ).

[Protocol Download](#)

- Western Blot (Cell lysate)

USF2 monoclonal antibody (M01), clone 5E9. Western Blot analysis of USF2 expression in Hela S3 NE ( Cat # L013V3 ).

[Protocol Download](#)

- Western Blot (Cell lysate)

USF2 monoclonal antibody (M01), clone 5E9. Western Blot analysis of USF2 expression in different cell lines.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of USF2 expression in transfected 293T cell line by USF2 monoclonal antibody (M01), clone 5E9.

Lane 1: USF2 transfected lysate(37 KDa).

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[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to USF2 on HeLa cell. [antibody concentration 10 ug/ml]

## Gene Info — USF2

|               |                      |
|---------------|----------------------|
| Entrez GeneID | <a href="#">7392</a> |
|---------------|----------------------|

|                     |                           |
|---------------------|---------------------------|
| GeneBank Accession# | <a href="#">NM_003367</a> |
|---------------------|---------------------------|

|                    |                           |
|--------------------|---------------------------|
| Protein Accession# | <a href="#">NP_003358</a> |
|--------------------|---------------------------|

|           |      |
|-----------|------|
| Gene Name | USF2 |
|-----------|------|

|            |              |
|------------|--------------|
| Gene Alias | FIP, bHLHb12 |
|------------|--------------|

|                    |                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Description   | upstream transcription factor 2, c-fos interacting                                                                                                                                                                                                                                                                                                                  |
| Omim ID            | <a href="#">600390</a>                                                                                                                                                                                                                                                                                                                                              |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                           |
| Gene Summary       | This gene encodes a member of the basic helix-loop-helix leucine zipper family, and can function as a cellular transcription factor. The encoded protein can activate transcription through pyrimidin e-rich initiator (Inr) elements and E-box motifs. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq] |
| Other Designations | c-fos interacting protein upstream stimulatory factor 2                                                                                                                                                                                                                                                                                                             |

## Disease

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- [Biliary Atresia](#)
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- [Choledochal Cyst](#)
- [Diabetes Complications](#)
- [Disease Progression](#)
- [Metabolic Syndrome X](#)
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