

USF2 monoclonal antibody (M03), clone 6A9

Catalog # H00007392-M03

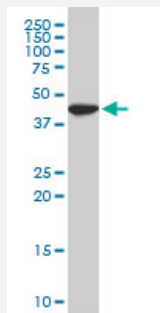
Size 100 ug

Applications



Western Blot (Cell lysate)

USF2 monoclonal antibody (M03), clone 6A9. Western Blot analysis of USF2 expression in HeLa S3 NE (Cat # L013V3).



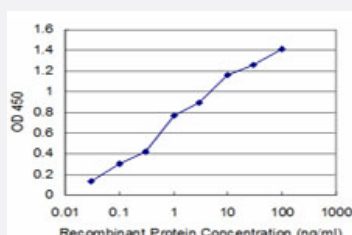
Western Blot (Cell lysate)

USF2 monoclonal antibody (M03), clone 6A9. Western Blot analysis of USF2 expression in PC-12 (Cat # L012V1).



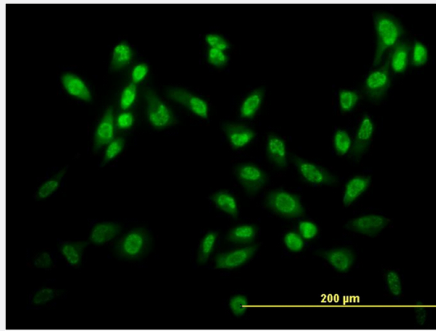
Western Blot (Cell lysate)

USF2 monoclonal antibody (M03), clone 6A9. Western Blot analysis of USF2 expression in different cell lines.



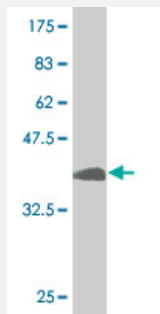
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged USF2 is approximately 0.03ng/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

Product Description	Mouse monoclonal antibody raised against a partial recombinant USF2.
Immunogen	USF2 (NP_003358, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MDMLDPGLDPAASATAAAAAASHDKGPEAEEGVLEGGDGPAAEEQTAVAITSVQQAAGFDH NIQYQFRTEITNGGQVTVRVVQVTDGQLDGQGDITAGAVS
Host	Mouse
Reactivity	Human, Rat
Interspecies Antigen Sequence	Mouse (96); Rat (96)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

USF2 monoclonal antibody (M03), clone 6A9. Western Blot analysis of USF2 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Cell lysate)

USF2 monoclonal antibody (M03), clone 6A9. Western Blot analysis of USF2 expression in PC-12 (Cat # L012V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

USF2 monoclonal antibody (M03), clone 6A9. Western Blot analysis of USF2 expression in different cell lines.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged USF2 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

Gene Info — USF2

Entrez GeneID	7392
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GeneBank Accession#	NM_003367
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Protein Accession#	NP_003358
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Gene Name	USF2
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Gene Alias	FIP, bHLHb12
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Gene Description	upstream transcription factor 2, c-fos interacting
Omim ID	600390
Gene Ontology	Hyperlink
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

Publication Reference

- [GSK3β-Dependent Phosphorylation Alters DNA Binding, Transactivity and Half-Life of the Transcription Factor USF2.](#)

Horbach T, Chi TF, Gotz C, Sharma S, Juffer AH, Dimova EY, Kietzmann T.

PLoS One 2014 Sep; 9(9):e107914.

Application: WB, Human, HeLa cells

Disease

- [Alzheimer disease](#)
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