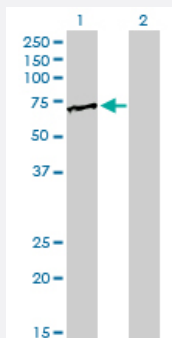


FUBP1 monoclonal antibody (M01), clone 3H4

Catalog # H00008880-M01

Size 100 ug

Applications

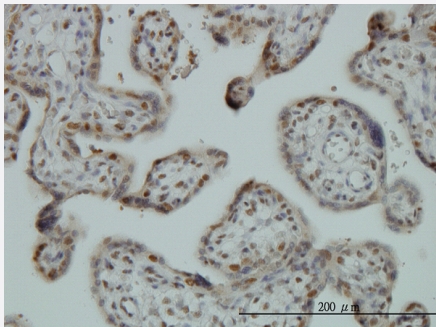


Western Blot (Transfected lysate)

Western Blot analysis of FUBP1 expression in transfected 293T cell line by FUBP1 monoclonal antibody (M01), clone 3H4.

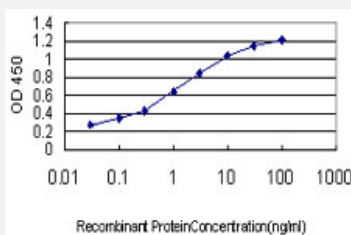
Lane 1: FUBP1 transfected lysate(68.6 KDa).

Lane 2: Non-transfected lysate.



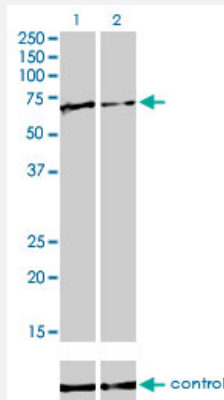
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to FUBP1 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]



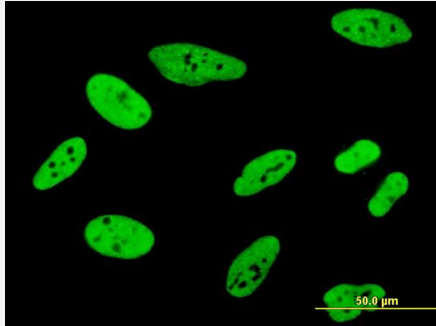
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FUBP1 is approximately 0.03ng/ml as a capture antibody.



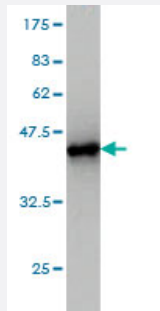
RNAi Knockdown (Antibody validated)

Western blot analysis of FUBP1 over-expressed 293 cell line, cotransfected with FUBP1 Validated Chimera RNAi (Cat # H00008880-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with FUBP1 monoclonal antibody (M01), clone 3H4 (Cat # H00008880-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Immunofluorescence

Immunofluorescence of monoclonal antibody to FUBP1 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant FUBP1.
Immunogen	FUBP1 (NP_003893, 27 a.a. ~ 136 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	VNDAFKDALQRARQIAAKIGGDAGTSLNSNDYGYGGQKRPLEDGDQPDAAKKVAPQNDSFGTQLP PMHQQQSRSVMTEEYKVPDGMVGFIIIGRGGEQISRIQQESGCKIQI
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (98)

Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 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 (Transfected lysate)

Western Blot analysis of FUBP1 expression in transfected 293T cell line by FUBP1 monoclonal antibody (M01), clone 3H4.

Lane 1: FUBP1 transfected lysate(68.6 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

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

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[Protocol Download](#)

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[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of FUBP1 over-expressed 293 cell line, cotransfected with FUBP1 Validated Chimera RNAi (Cat # H00008880-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with FUBP1 monoclonal antibody (M01), clone 3H4 (Cat # H00008880-M01). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of monoclonal antibody to FUBP1 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — FUBP1

Entrez GeneID [8880](#)**GeneBank Accession#** [NM_003902](#)**Protein Accession#** [NP_003893](#)**Gene Name** FUBP1**Gene Alias** FBP, FUBP**Gene Description** far upstream element (FUSE) binding protein 1**Omim ID** [603444](#)**Gene Ontology** [Hyperlink](#)

Gene Summary This gene encodes a ssDNA binding protein that activates the far upstream element (FUSE) of c-myc and stimulates expression of c-myc in undifferentiated cells. Regulation of FUSE by FUBP occurs through single-strand binding of FUBP to the non-coding strand. This protein has been shown to function as an ATP-dependent DNA helicase. [provided by RefSeq]

Other Designations DNA helicase V|FUSE-binding protein|OTTHUMP00000038483|far upstream element binding protein|far upstream element-binding protein