

Mouse USF2 Monoclonal Antibody | anti-USF2 antibody

USF2 (Upstream Transcription Factor 2, c-fos Interacting, FIP, bHLHb12) (HRP)

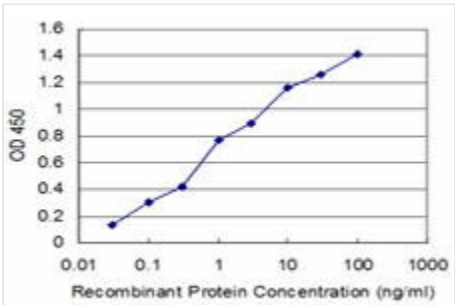
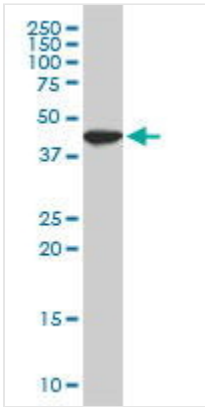
CATALOG # AAA26508	HOST Mouse	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

USF2; Monoclonal Antibody; USF2 (Upstream Transcription Factor 2; c-fos Interacting; FIP; bHLHb12) (HRP); Upstream Transcription Factor 2; bHLHb12; anti-USF2 antibody

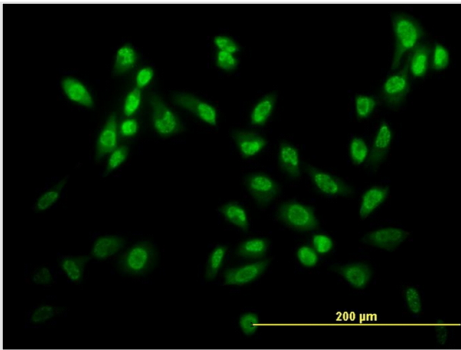
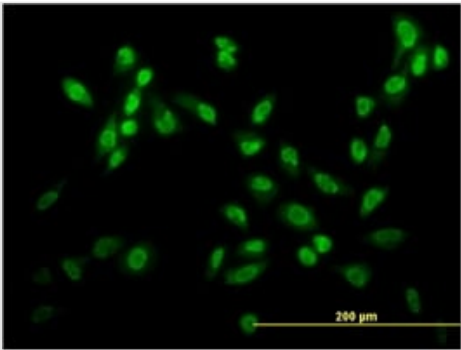
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	6A9
Specificity	Recognizes USF2.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Applicable Applications for anti-USF2 antibody	IF (Immunofluorescence), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	USF2 (NP_003358, 1aa-100aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Conjugate	HRP
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.



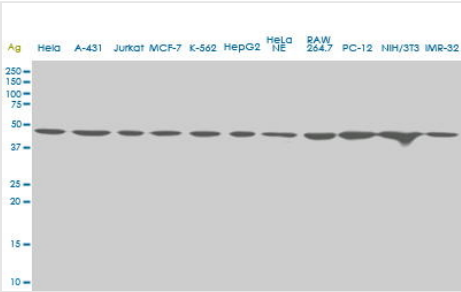
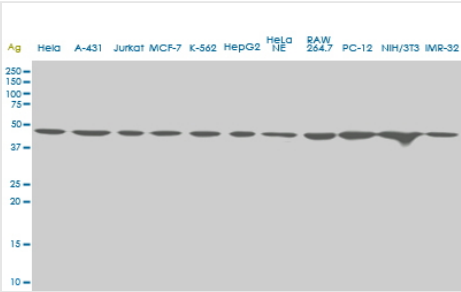
Application Data
Detection limit for recombinant GST tagged USF2 is approximately 0.03ng/ml as a capture antibody.

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



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

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



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

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

ADDITIONAL INFORMATION

Product Categories/Family for anti-USF2 antibody	Antibodies; Transcription Factors
References	1. GSK3beta-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 TPLoS One. 2014 Sep 19;9(9):e107914. doi: 10.1371/journal.pone.0107914. eCollection 2014.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507847
NCBI GeneID	7392

NCBI Accession #	NP_003358
NCBI GenBank Nucleotide #	NM_003367
UniProt Accession #	Q15853
Molecular Weight	37kDa
NCBI Official Full Name	upstream stimulatory factor 2 isoform 1
NCBI Official Synonym Full Names	upstream transcription factor 2, c-fos interacting
NCBI Official Symbol	USF2
NCBI Official Synonym Symbols	FIP; bHLHb12
NCBI Protein Information	upstream stimulatory factor 2
UniProt Protein Name	Upstream stimulatory factor 2
UniProt Gene Name	USF2
UniProt Synonym Gene Names	BHLHB12; bHLHb12; FIP
UniProt Entry Name	USF2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/usf2-antibody-clone-6a9-immunofluorescence-western-blot-elisa/26508>