Mouse anti-Human, Rat USF2 Monoclonal Antibody | anti-USF2 antibody

USF2 (Upstream Stimulatory Factor 2, Class B Basic Helix-loop-helix Protein 12, bHLHb12, FOS-interacting Protein, FIP, Major Late Transcription Factor 2, Upstream Transcription Factor 2) (PE)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25882	**Mouse**	**Human, Rat**	**ELISA, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

USF2; Monoclonal Antibody; USF2 (Upstream Stimulatory Factor 2; Class B Basic Helix-loop-helix Protein 12; bHLHb12; FOS-interacting Protein; FIP; Major Late Transcription Factor 2; Upstream Transcription Factor 2) (PE); anti-USF2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	5E9
Specificity	Recognizes human USF2. Species Crossreactivity: rat.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Applicable Applications for anti-USF2 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa1-100 from human USF2 (NP_003358) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MDMLDPGLDPAASATAAAAASHDKGPEAEEGVELQEGGDGPGAEEQTAVAITSVQQAAFGDHNIQYQFRTETNGGQVTYRVVQVTDGQLDGQGDTAG
Conjugate	PE
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of proc centrifuge the original vial prior to removing the cap.

IMAGES

WB (Western Blot)
Western Blot analysis of USF2 expression in transfected 293T cell line by USF2 monoclonal antibody,. Lane 1: USF2 transfected lysate (37kD). Lane 2: Non-transfected lysate.

WB (Western Blot)
USF2 monoclonal antibody. Western Blot analysis of USF2 expression in different cell lines.

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

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

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

WB (Western Blot)
USF2 monoclonal antibody. Western Blot analysis of USF2 expression in PC-12.

ADDITIONAL INFORMATION

Product Categories/Family for anti-USF2 antibody	Antibodies; Transcription Factors

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-5e9-immunofluorescence-immunohistochemistry-western-blot-elisa/25882