Mouse TFAP4 Monoclonal Antibody | anti-TFAP4 antibody

TFAP4 (Transcription Factor AP-4 (Activating Enhancer Binding Protein 4), AP-4, bHLHc41) (PE)

CATALOG #	HOST	APPLICATIONS
AAA26599	**Mouse**	**Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

TFAP4; Monoclonal Antibody; TFAP4 (Transcription Factor AP-4 (Activating Enhancer Binding Protein 4); AP-4; bHLHc41) (PE); Transcription Factor AP-4 (Activating Enhancer Binding Protein 4); bHLHc41; anti-TFAP4 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	6B1
Specificity	Recognizes TFAP4.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Applicable Applications for anti-TFAP4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	TFAP4 (NP_003214, 93aa-192aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	AEYIFSLEQEKTRLLQQNTQLKRFIQELSGSSPKRRRAEDKDEGIGSPDIWEDEKAEDLRREMIELRQQLDKERSVRMMLEEQVRSLEAHMYPEKLKVIA
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 amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

IMAGES

Application Data
Detection limit for recombinant GST tagged TFAP4 is approximately 0.1ng/ml as a capture antibody.

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to TFAP4 on formalin-fixed paraffin-embedded human uterine cervix. [antibody concentration 1 ug/ml]

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to TFAP4 on formalin-fixed paraffin-embedded human uterine cervix. [antibody concentration 1 ug/ml]

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to TFAP4 on HeLa cell. [antibody concentration 10 ug/ml]

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to TFAP4 on HeLa cell. [antibody concentration 10 ug/ml]

WB (Western Blot)
TFAP4 monoclonal antibody (M01), clone 6B1 Western Blot analysis of TFAP4 expression in Hela S3 NE (Cat # L013V3).

ADDITIONAL INFORMATION

Related Product Information for anti-TFAP4 antibody	Transcription factors of the basic helix-loop-helix-zipper (bHLH-ZIP) family contain a basic domain, which is used for DNA binding, and HLH and ZIP domains, which are used for oligomerization. Transcription factor AP4 activates both viral and cellular genes by binding to the symmetrical DNA sequence CAGCTG (Mermod et al., 1988 [PubMed 2833704]; Hu et al., 1990 [PubMed 2123466]). [supplied by OMIM]
Product Categories/Family for anti-TFAP4 antibody	Antibodies; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507447
NCBI GeneID	7023
NCBI Accession #	NP_003214
NCBI GenBank Nucleotide #	NM_003223
UniProt Accession #	Q01664
Molecular Weight	39kDa
NCBI Official Full Name	transcription factor AP-4
NCBI Official Synonym Full Names	transcription factor AP-4
NCBI Official Symbol	TFAP4
NCBI Official Synonym Symbols	AP-4; bHLHc41
NCBI Protein Information	transcription factor AP-4
UniProt Protein Name	Transcription factor AP-4
UniProt Gene Name	**TFAP4**
UniProt Synonym Gene Names	BHLHC41; bHLHc41
UniProt Entry Name	TFAP4_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/tfap4-antibody-clone-6b1-immunofluorescence-immunohistochemistry-western-blot-elisa/26599