TFAP2A Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	TFAP2A, Monoclonal Antibody
Full Product Name	TFAP2A (Transcription Factor AP-2 alpha (Activating Enhancer Binding Protein 2 alpha), AP-2, AP-2alpha, AP2TF, BOFS, TFAP2) (MaxLight 490)
Product Gene Name	anti-TFAP2A antibody
Product Synonym Names	Transcription Factor AP-2 alpha (Activating Enhancer Binding Protein 2 alpha); AP-2; AP-2alpha; AP2TF; BOFS; TFAP2
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	3000000
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified
Specificity	Recognizes TFAP2A.
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: MaxLight490 conjugates are sensitive to light. For maximum recov product, centrifuge the original vial prior to removing the cap.
Immunogen	TFAP2A (AAH17754, 99aa-205aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	SGLLHTHRGLPHQLSGLDPRRDYRRHEDLLHGPHALSSGLGDLSIHSLPHAIEEVPHVEDPGINIPDQTVIKKGPVSLSKSNSNAVSAIPINKDNLFGGVVN
Conjugate	MaxLight490
Product Categories/Family for anti-TFAP2A antibody	Antibodies; Transcription Factors
Applications Tested/Suitable for anti-TFAP2A antibody	FLISA, Immunofluorescence (IF), Western Blot (WB)
Application Notes for anti-TFAP2A antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-TFAP2A antibody	AP2-alpha is a 52-kD retinoic acid-inducible and developmentally regulated activator of transcription that binds to a consensus DNA-binding sequence CCCCAGGC in the SV40 and metallothionein (MIM 156350) promoters. [supplied by OMIM]
Other Notes	Small volumes of anti-TFAP2A antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nece briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and add dry ice fee may apply.

Searchable Terms for TFAP2A purchase	MBS6208953 is an antibody targeting TFAP2A. Also known as TFAP2A (Transcription Factor AP-2 alpha (Activating Enhancer Binding Protein 2 alpha 2, AP-2alpha, AP2TF, BOFS, TFAP2) (MaxLight 490). Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TFAP2A. It may not necessarily be applicable to this product.

NCBI GI #	22450882
NCBI GeneID	7020
NCBI Accession #	AAH17754
UniProt Related Accession #	P05549
NCBI Official Full Name	Transcription factor AP-2 alpha (activating enhancer binding protein 2 alpha)
NCBI Official Synonym Full Names	transcription factor AP-2 alpha
NCBI Official Symbol	TFAP2A
NCBI Official Synonym Symbols	AP-2; BOFS; AP2TF; TFAP2; AP-2alpha
Protein Family	Transcription factor
NCBI Protein Information	transcription factor AP-2-alpha
NCBI Summary for TFAP2A	The protein encoded by this gene is a transcription factor that binds the consensus sequence 5'-GCCNNNGGC-3'. The encoded protein functions as either a homodimer or as a heterodimer with similar family members. This protein activates the transcription of some genes while inhibiting the transcription of others. Defects in this gene are a cause of branchiooculofacial syndrome (BOFS). Three transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Dec 2009]
Research Articles on TFAP2A	**1.** TFAP2A induced KRT16 overexpression promotes tumorigenicity in lung adenocarcinoma via epithelial-mesenchymal transition
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