
Product Name: TFAP2A Mouse Monoclonal Antibody**Catalog #: AMM81823**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ICC,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	48kDa

Antigen Information

Gene Name	TFAP2A
Alternative Names	AP-2; BOFS; AP2TF; TFAP2; AP-2alpha
Gene ID	7020.0
SwissProt ID	P05549
Immunogen	Purified recombinant fragment of human TFAP2A (AA: 105-211) expressed in E. Coli.

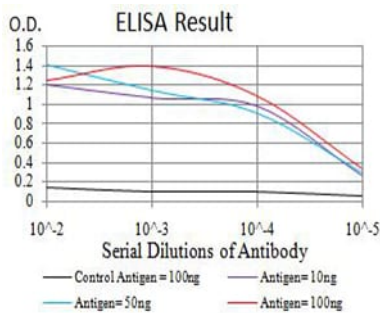
Background

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

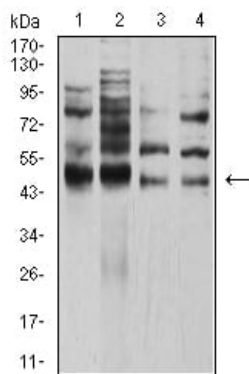
syndrome (BOFS). Three transcript variants encoding different isoforms have been found for this gene.

Research Area

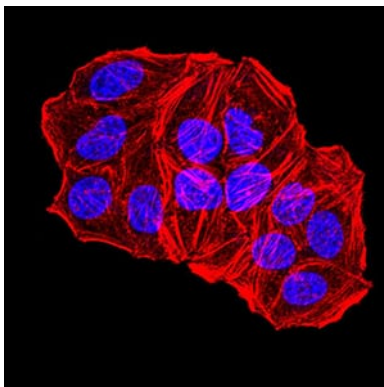
Image Data



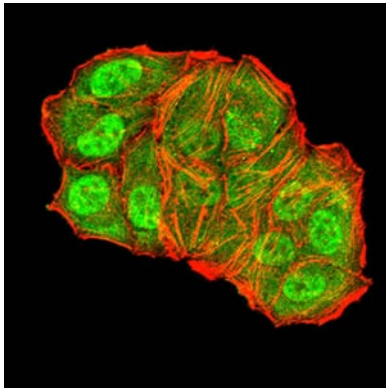
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



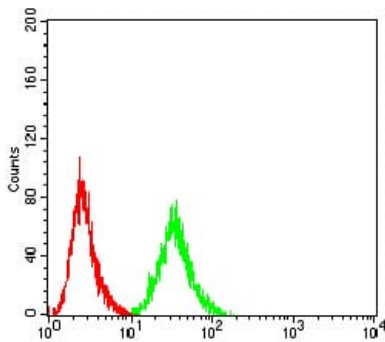
Western blot analysis using TFAP2A mouse mAb against HeLa (1), PANC-1 (2), HEK293 (3), and MCF-7 (4) cell lysate.



Immunofluorescence analysis of HeLa cells using TFAP2A mouse mAb. Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Immunofluorescence analysis of HeLa cells using TFAP2A mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Flow cytometric analysis of HeLa cells using TFAP2A mouse mAb (green) and negative control (red).