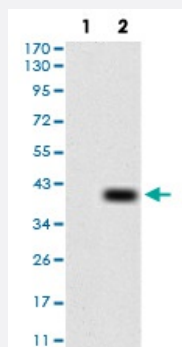


TFAP2A monoclonal antibody, clone 1A10C5

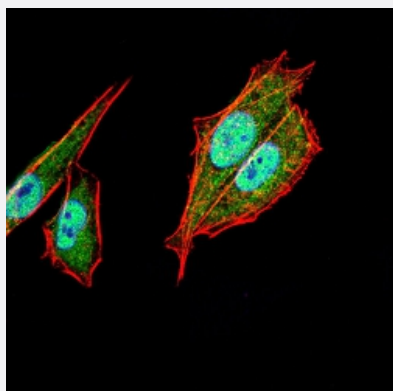
Catalog # MAB16683 Size 100 ug

Applications



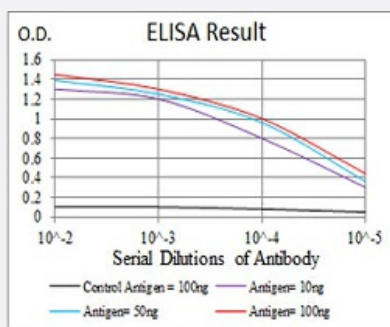
Western Blot (Transfected lysate)

Western blot analysis of Lane 1: HEK293 cell; Lane 2: TFAP2A-hlgGf transfected HEK293 cell with TFAP2A monoclonal antibody.



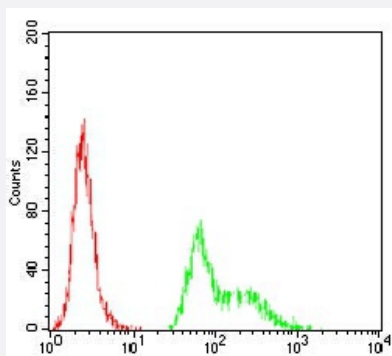
Immunocytochemistry

Immunocytochemical staining of HeLa cells with TFAP2A monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments labeled with Alexa Fluor-555 phalloidin (red).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of TFAP2A monoclonal antibody, clone 1A10C5.



Flow Cytometry

Flow cytometric analysis of Hela cells with TFAP2A monoclonal antibody (green) and negative control (red).

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human TFAP2A.
Immunogen	Recombinant protein corresponding to amino acid 1-100 of human TFAP2A from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	48
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry Immunocytochemistry (1:200-1:1000) Flow Cytometry (1:200-1:400) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western blot analysis of Lane 1: HEK293 cell; Lane 2: TFAP2A-hlgGfc transfected HEK293 cell with TFAP2A monoclonal antibody.

- Immunocytochemistry

Immunocytochemical staining of Hela cells with TFAP2A monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments labeled with Alexa Fluor-555 phalloidin (red).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of TFAP2A monoclonal antibody, clone 1A10C5.

- Flow Cytometry

Flow cytometric analysis of Hela cells with TFAP2A monoclonal antibody (green) and negative control (red).

Gene Info — TFAP2A

Entrez GeneID [7020](#)

Gene Name TFAP2A

Gene Alias AP-2, AP-2alpha, AP2TF, BOFS, TFAP2

Gene Description transcription factor AP-2 alpha (activating enhancer binding protein 2 alpha)

Omim ID [107580](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 Designations OTTHUMP00000016013|OTTHUMP00000016014|activating enhancer-binding protein 2 alpha|transcription factor AP-2 alpha|transcription factor AP-2 alpha (activating enhancer-binding protein 2 alpha)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Spinal Dysraphism](#)