

# Mouse Monoclonal Antibody to TFAP2A

## Order Information

Catalog#	30770	
Size/Concentration	100µl	50µl
Price(¥)	2180	1280

## Description

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.

## Specification

Aliases : AP-2; BOFS; AP2TF; TFAP2; AP-2alpha

Entrez GeneID : 7020

Swissprot : P05549

clone : 1A10C5

WB Predicted band size : 48kDa

Host/Isotype : Mouse IgG1

Storage : Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Species Reactivity : Human

Immunogen : Purified recombinant fragment of human TFAP2A (AA: 1-100) expressed in E. Coli.

Formulation : Purified antibody in PBS with 0.05% sodium azide

## Application

ICC	1/200 - 1/1000
FCM	1/200 - 1/400
ELISA	1/10000

## References

Mol Hum Reprod. 2011 Nov;17(11):702-9.

Breast Cancer Res. 2011 Mar 4;13(2):R23.

Call 1-510-860-4615

+86-19375157864

Email [Info@ProMab.com](mailto:Info@ProMab.com)

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[www.ProMab.cn](http://www.ProMab.cn)

## Protocol

WB - [www.promab.com/protocol/wb.html](http://www.promab.com/protocol/wb.html)

IHC - [www.promab.com/protocol/ihc.html](http://www.promab.com/protocol/ihc.html)

ICC - [www.promab.com/protocol/icc.html](http://www.promab.com/protocol/icc.html)

HCM - [www.promab.com/protocol/hcm.html](http://www.promab.com/protocol/hcm.html)

**Antigen Sequence** is available upon request.

## Products and Services

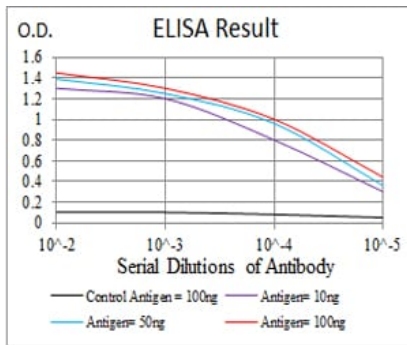
- Mouse Monoclonal Antibody
- Rat Monoclonal Antibody
- Human Antibody
- Hybridoma Sequencing
- Polyclonal Antibody

**For Research Only**

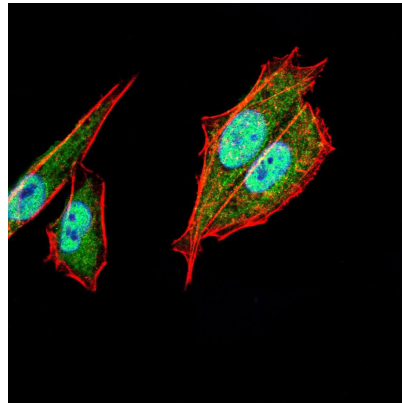
**Application Key:**WB - Western Blot | IHC - Immunohistochemistry | ICC - Immunocytochemistry | FCM - Flow Cytometry | ELISA - Enzyme-linked Immunosorbent Assay | IP - Immunoprecipitation

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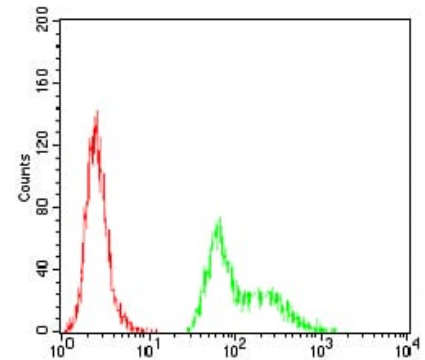
# Mouse Monoclonal Antibody to TFAP2A



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



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. Secondary antibody from Fisher (Cat#: 35503)



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

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