

Datasheet for ABIN933000
anti-TFAP2A antibody



[Go to Product page](#)

2 Images

Overview

| | |
|--------------|---|
| Quantity: | 100 µg |
| Target: | TFAP2A |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This TFAP2A antibody is un-conjugated |
| Application: | Western Blotting (WB), Flow Cytometry (FACS), Dot Blot (DB) |

Product Details

| | |
|-----------------------------|--|
| Immunogen: | TFAP2 A antibody was raised in mouse using recombinant Transcription Factor Ap-2 Alpha (Activating Enhancer Binding Protein 2 Alpha) |
| Clone: | 959C2a |
| Isotype: | IgG1 |
| Cross-Reactivity: | Human, Mouse (Murine) |
| Cross-Reactivity (Details): | Other species not studied. |
| Purification: | Protein G affinity chromatography |

Target Details

| | |
|-------------------|--|
| Target: | TFAP2A |
| Alternative Name: | TFAP2A (TFAP2A Products) |

Target Details

Background: AP2-alpha is a 52kDa 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. Synonyms: Monoclonal TFAP2A antibody, Anti-TFAP2A antibody, Activating enhancer binding Protein 2 alpha antibody, AP-2 antibody, AP2TF antibody, TFAP2 antibody, AP-2alpha antibody.

Pathways: [Caspase Cascade in Apoptosis](#), [EGFR Signaling Pathway](#), [Response to Water Deprivation](#), [Sensory Perception of Sound](#), [Tube Formation](#), [Embryonic Body Morphogenesis](#), [Brown Fat Cell Differentiation](#), [Lipid Metabolism](#)

Application Details

Application Notes: WB: 0.2-2 µg/mL, FC: 0.5-2 µg/sample
Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: Lot specific

Buffer: TFAP2 A antibody in PBS (3.0 mM KCl, 1.5 mM KH₂ PO₄, 140 mM NaCl, 8.0 mM Na₂ HPO₄ (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN₃).

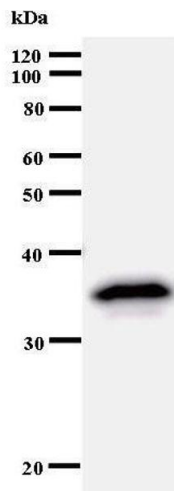
Preservative: Sodium azide

Precaution of Use: This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

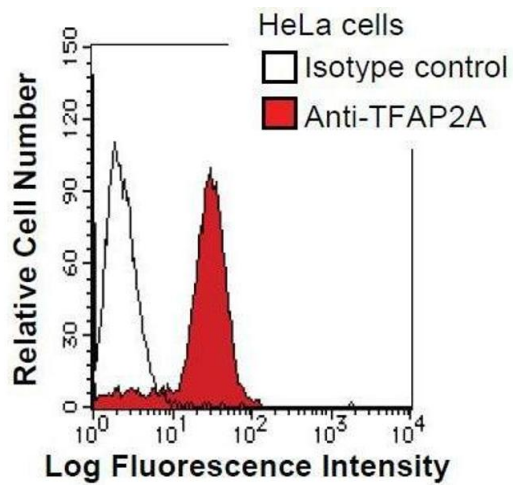
Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.



Western Blotting

Image 1.



Flow Cytometry

Image 2. HeLa cells were fixed in 2% paraformaldehyde/PBS and then permeabilized in 90% methanol. Cells were stained with anti-TFAP2A mAb (shaded) or isotype control (unshaded) followed by Alexa Fluor 488 conjugated goat anti-mouse IgG.