

## Product datasheet

# Anti-AP2 gamma/TFAP2C antibody [EP2693Y] ab75992

RabMAb

★ ★ ★ ★ ★ [2 Abreviews](#) [1 References](#) [2 Images](#)

### Overview

<b>Product name</b>	Anti-AP2 gamma/TFAP2C antibody [EP2693Y]
<b>Description</b>	Rabbit monoclonal [EP2693Y] to AP2 gamma/TFAP2C
<b>Host species</b>	Rabbit
<b>Specificity</b>	The immunogen used for this product shares 88% homology with cadherin EGF LAG seven-pass G-type receptor 1. Cross-reactivity with this protein has not been confirmed experimentally
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt (Intra), WB <b>Unsuitable for:</b> ICC/IF or IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	WB: MCF-7 lysate. Flow Cyt (Intra): MCF-7 cells.
<b>General notes</b>	<p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
<b>Storage buffer</b>	<p>pH: 7.20</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue</p>

	culture supernatant
<b>Purity</b>	Tissue culture supernatant
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EP2693Y
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab75992 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

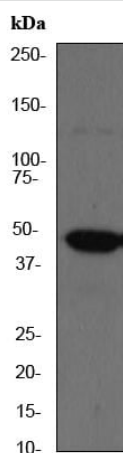
Application	Abreviews	Notes
<b>Flow Cyt (Intra)</b>		1/200. <b>ab172730</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
<b>WB</b>	★☆☆☆☆ (1)	1/100000 - 1/200000. Detects a band of approximately 49 kDa.

**Application notes** Is unsuitable for ICC/IF or IHC-P.

## Target

<b>Function</b>	Sequence-specific DNA-binding protein that interacts with inducible viral and cellular enhancer elements to regulate transcription of selected genes. AP-2 factors bind to the consensus sequence 5'-GCCNNNGGC-3' and activate genes involved in a large spectrum of important biological functions including proper eye, face, body wall, limb and neural tube development. They also suppress a number of genes including MCAM/MUC18, C/EBP alpha and MYC.
<b>Sequence similarities</b>	Belongs to the AP-2 family.
<b>Domain</b>	The WW-binding motif mediates interaction with WWOX.
<b>Post-translational modifications</b>	Sumoylated on Lys-10; which inhibits transcriptional activity.
<b>Cellular localization</b>	Nucleus.

## Images



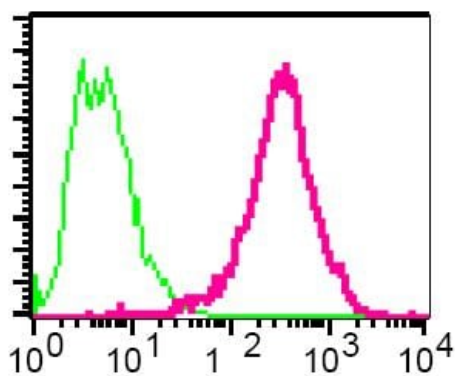
Western blot - Anti-AP2 gamma/TFAP2C antibody [EP2693Y] (ab75992)

Anti-AP2 gamma/TFAP2C antibody [EP2693Y] (ab75992) at 1/200000 dilution + MCF-7 cell lysate at 10 µg

### Secondary

HRP labelled goat anti-rabbit at 1/2000 dilution

**Observed band size:** 49 kDa



Flow Cytometry (Intracellular) - Anti-AP2 gamma/TFAP2C antibody [EP2693Y] (ab75992)

Intracellular flow cytometric analysis of permeabilized MCF-7 cells using ab75992 (red) or a rabbit IgG (negative) (green).

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

### Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

#### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors