

# c-Fos Rabbit mAb

Catalog No.: A24620 **Recombinant**

## Basic Information

### Observed MW

62kDa//62kDa

### Calculated MW

41kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC63309

## Background

The Fos gene family consists of 4 members: FOS, FOSB, FOSL1, and FOSL2. These genes encode leucine zipper proteins that can dimerize with proteins of the JUN family, thereby forming the transcription factor complex AP-1. As such, the FOS proteins have been implicated as regulators of cell proliferation, differentiation, and transformation. In some cases, expression of the FOS gene has also been associated with apoptotic cell death.

## Recommended Dilutions

**WB** 1:500-1:1000

**IHC-P** 1:100 - 1:500

## Immunogen Information

### Gene ID

2353

### Swiss Prot

P01100

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 211-281 of human c-Fos(NP\_005243.1).

### Synonyms

p55; AP-1; C-FOS; c-Fos

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

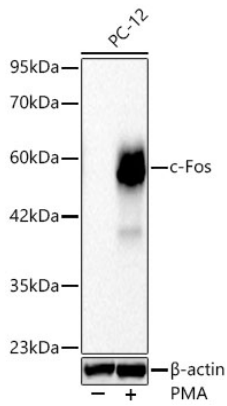
Affinity purification

### Storage

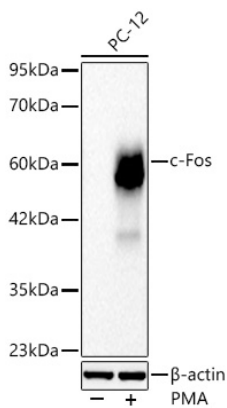
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

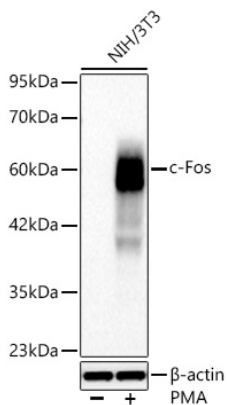
## Validation Data



Western blot analysis of lysates from PC-12 cells using c-Fos Rabbit mAb (A24620) at 1:1000 dilution incubated overnight at 4°C. PC-12 cells were treated by PMA (200 nM) at 37°C for 30 minutes after serum-starvation overnight.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 30 µg per lane.  
Blocking buffer: 3 % nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020)  
Exposure time: 60 s.



Western blot analysis of lysates from PC-12 cells using c-Fos Rabbit mAb (A24620) at 1:1000 dilution incubated overnight at 4°C. PC-12 cells were treated by PMA(200 nM) at 37°C for 30 minutes after serum-starvation overnight.  
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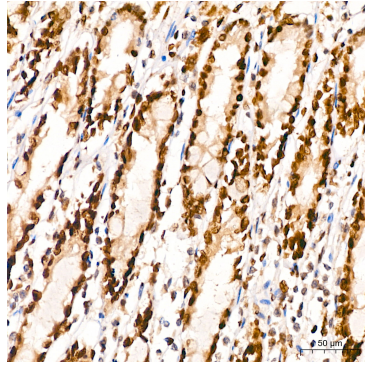
Western blot analysis of lysates from NIH/3T3 cells using c-Fos Rabbit mAb (A24620) at 1:1000 dilution incubated overnight at 4°C. NIH/3T3 cells were treated by PMA (200 nM) at 37°C for 30 minutes after serum-starvation overnight.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 30 µg per lane.  
Blocking buffer: 3 % nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 45s.

## Validation Data

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Immunohistochemistry analysis of paraffin-embedded Human cervix using c-Fos Rabbit mAb (A24620) at dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human colon using c-Fos Rabbit mAb (A24620) at dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.