

## Anti-c-Fos Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

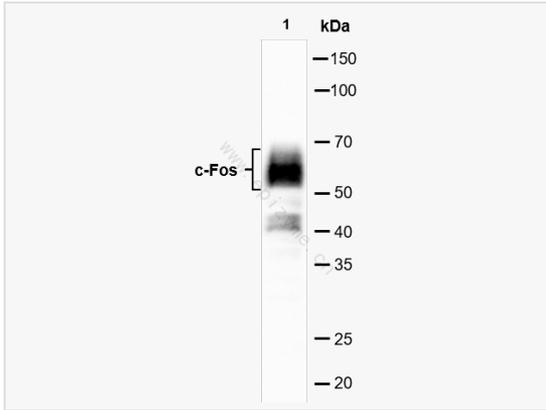
Catalog # R013784

### Product Information

Application	ELISA, IHC-P/IF (Tissue-P), WB
Reactivity	Human, Mouse
Dilution	WB 1:1,000~1:2,000; IHC-P 1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	54L91B78
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human c-Fos
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-c-Fos Rabbit mAb [54L91B78] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	p55, AP-1, C-FOS, Cellular oncogene fos, FOS, G0S7, Oncogene FOS, Proto oncogene protein c fos, v fos FBI murine osteosarcoma viral oncogene homolog, Proto-oncogene c-Fos, G0/G1 switch regulatory protein 7.
Calculated MW	Calculated MW: 41 kDa; Observed MW: 55-60 kDa
Uniprot ID	P01100
Gene ID	2353
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. [provided by RefSeq, Jul 2008]



Western Blot - Anti-c-Fos Rabbit mAb [54L91B78]

All lanes: R013784 at 1:1,000 dilution

Lane 1: HeLa (human cervix adenocarcinoma epithelial cell) whole cell lysates

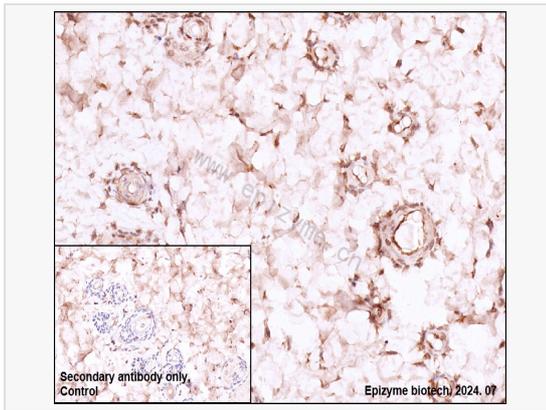
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 41 kDa

Observed band size: 55-60 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-c-Fos Rabbit mAb [54L91B78]

Sample: Paraformaldehyde-fixed, paraffin embedded rat skin tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R013784 at 1:200 dilution

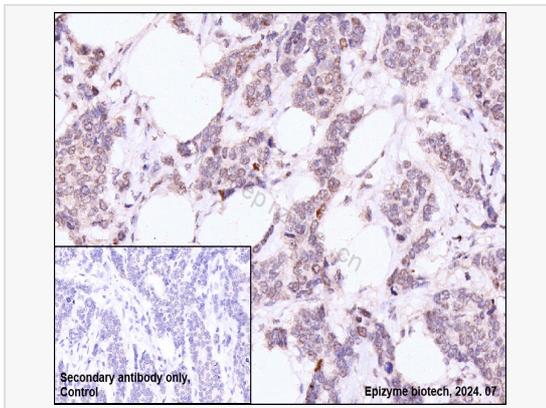
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-c-Fos Rabbit mAb [54L91B78]

Sample: Paraformaldehyde-fixed, paraffin embedded human breast carcinoma tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R013784 at 1:200 dilution

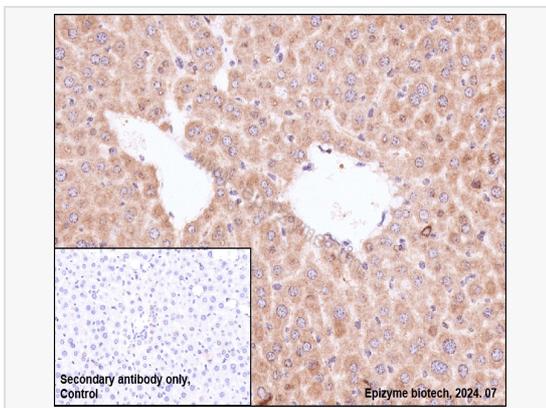
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-c-Fos Rabbit mAb [54L91B78]

Sample: Paraformaldehyde-fixed, paraffin embedded mouse liver tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R013784 at 1:200 dilution

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.