

Anti-Fos B Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

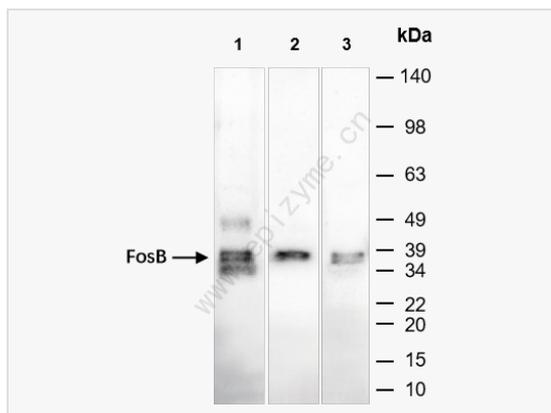
Catalog # R015350

Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	67I75H74
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Fos B
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-Fos B Rabbit mAb [67I75H74] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	Activator protein 1; AP 1; DKFZp686C0818; FBJ murine osteosarcoma viral oncogene homolog B; fosB; FOSB_HUMAN; G0/G1 switch regulatory protein 3; G0S3; GOS 3; GOS B; GOS3; GOSB; MGC42291; Oncogene FOS B; Oncogene FOSB; Protein fos B; Protein fosB.
Calculated MW	Calculated MW: 36 kDa; Observed MW: 38,48 kDa
Uniprot ID	P53539
Gene ID	2354
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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Cellular Location	Nucleus.



Western Blot - Anti-Fos B Rabbit mAb [67175H74]

All lanes: R015350 at 1:1,000 dilution

Lane 1: A431 (Human epidermoid teratoma cell line) whole cell lysates

Lane 2: Mouse brain whole tissue lysates

Lane 3: PC-12 (Rat adrenal pheochromocytoma epithelial cell) whole cell lysates

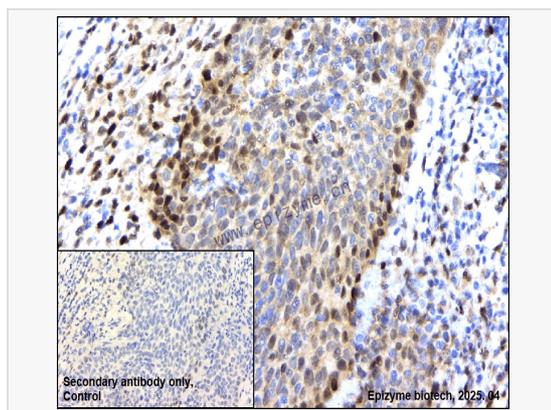
Lysates/proteins at 10 µg per lane.

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

Predicted band size: 36 kDa

Observed band size: 38,48 kDa

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



Immunohistochemistry - Anti-Fos B Rabbit mAb [67175H74]

Sample: Paraformaldehyde-fixed, paraffin embedded human cervical cancer tissue

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

Primary antibody: R015350 at 1:200 dilution

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,001 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.