

Anti-FosB Antibody (9D307)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 36 kDa. Actual: 38,48 kDa.
Clone:	9D307
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. 4% Paraformaldehyde-fixed Hela (H) cell (TPA stimulated); Triton X-100 at r. T. for 20 min; Antibody incubation with (FosB) monoclonal Antibody, unconjugated (TMAB-06111) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green) at 37°C for 90 min, DAPI (blue) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.</p> <p>2. NIH/3T3 (M) cells were treated with or without serum-starved overnight and serum-stimulated for 4 h, C6 (R) cells were treated with or without serum-starved overnight and serum-stimulated for 4 h, 25 µg total protein per lane of cell lysates (see on figure) probed with FosB monoclonal antibody, unconjugated (TMAB-06111) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.</p>
Application:	WB, ICC/IF
Recommended	WB: 1:500-2000; ICC/IF: 1:50-200

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human FOSB
Antigen Species:	Human
Gene ID:	2354
Uniprot ID:	P53539

Research Background

Cellular oncogenes, or proto-oncogenes, play pivotal roles in cellular communication pathways that regulate normal growth, development and differentiation. The cellular oncogene families fos and jun encode nuclear proteins that can function as transcription factors. The fos family of nuclear oncogenes encode cFos, Fos B, (fos-related antigen) Fra 1, and Fra 2. Also named as DKFZp686C0818; FBJ murine osteosarcoma viral oncogene homolog B; FosB; G0/G1 switch regulatory protein 3; GOS3; GOS3; GOSB; MGC42291; Oncogene FOS B; Protein fosB.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481