

bsm-52071R**[Primary Antibody]****BioSS**
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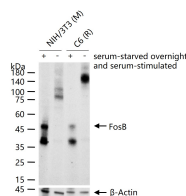
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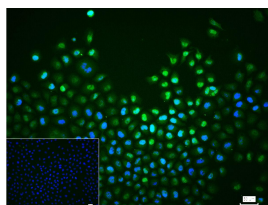
400-901-9800

FosB Recombinant Rabbit mAb**DATASHEET**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) ICC/IF (1:50-200) Reactivity: Human, Mouse, Rat Predicted MW.: 36 kDa Observed MW.: 38,48 kDa Subcellular Location: Nucleus
Clonality: Recombinant	CloneNo.: 9C11	
GeneID: 2354	SWISS: P53539	
Target: FosB		
Immunogen: A synthesized peptide derived from human FOSB: 1-150/338.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
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; G0S3; GOS3; GOSB; MGC42291; Oncogene FOS B; Protein fosB.		

VALIDATION IMAGES

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 (bsm-52071R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



4% Paraformaldehyde-fixed Hela (H) cell (TPA stimulated); Triton X-100 at r.t. for 20 min; Antibody incubation with (FosB) monoclonal Antibody, unconjugated (bsm-52071R) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-40295G-FITC) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.

SELECTED CITATIONS

- **[IF=6.8]** Zheng Yanyan. et al. Paternal methamphetamine exposure induces higher sensitivity to methamphetamine in male offspring through driving ADRB1 on CaMKII-positive neurons in mPFC. TRANSL PSYCHIAT. 2023 Oct;13(1):1-12 WB ;Mouse. 37857642
- **[IF=2.6]** Lei Wang. et al. Transcriptome profiling and weighted gene co-expression network analysis reveal changes of hub genes and molecular pathways in rat lungs following deep hypothermic circulatory arrest. PLOS ONE. 2025 Aug;20(8):e0328887 IHC ;Rat. 40811488