

Product datasheet for **TA336391**

Fos B (FOSB) Mouse Monoclonal Antibody [Clone ID: 83B1138]

Product data:

Product Type:	Primary Antibodies
Clone Name:	83B1138
Applications:	WB
Recommended Dilution:	Western Blot: 2 ug/mL
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	This antibody was generated by immunizing mice with a synthetic peptide corresponding to amino acids 2-15 of human FosB.
Formulation:	PBS containing 0.05% BSA, 0.05% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Concentration:	lot specific
Purification:	Protein G purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	FosB proto-oncogene, AP-1 transcription factor subunit
Database Link:	NP_006723 Entrez Gene 2354 Human P53539



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Background:

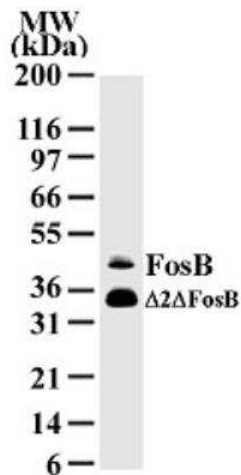
The v-Fos oncogene was initially identified as the transforming gene of two independent murine osteosarcoma virus isolates and an avian nephroblastoma virus. The cellular homolog, c-Fos, encodes a 62 kDa nuclear phosphoprotein that is rapidly and transiently induced by a variety of agents and functions as a transcriptional regulator for several genes. In contrast to c-Jun proteins, which form homo and heterodimers, which bind to specific DNA TPA response elements (TREs), c-Fos proteins are only active as heterodimers with members of the Jun gene family. Murine FosB encodes a nuclear protein of 338 amino acids which has 70% homology with c-Fos, exhibits similar kinetics of expression as c-Fos and forms heterodimers with both c-Jun and Jun B which bind to TRE DNA response elements. Functional homologs of c-Fos and FosB include Fra-1 and Fra-2 genes.

Synonyms:

AP-1; G0S3; GOS3; GOSB

Protein Families:

Druggable Genome, Transcription Factors

Product images:

Western Blot: FosB/G0S3 Antibody (83B1138)
TA336391 - Analysis of FosB in HeLa cell lysate
where bands are observed at ~38 kDa
representing FosB and at ~35 kDa representing
delta FosB.