

## DATASHEET

# FOSB Rabbit Monoclonal Antibody(C925)

CAT. NO. AMA00537

### KEY FEATURES

|               |  |               |              |
|---------------|--|---------------|--------------|
| Target        | FOSB   | Source / Host | Rabbit       |
| Reactivity    | Human  | Clonality     | Monoclonal   |
| Applications  | WB   | Conjugation   | Unconjugated |
| Form / Buffer | Liquid in PBS, pH 7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide. | Storage       | at-20°C      |

### BACKGROUND

Heterodimerizes with proteins of the JUN family to form an AP-1 transcription factor complex, thereby enhancing their DNA binding activity to gene promoters containing an AP-1 consensus sequence 5'-TGA[GC]TCA-3' and enhancing their transcriptional activity. As part of the AP-1 complex, facilitates enhancer selection together with cell-type-specific transcription factors by collaboratively binding to nucleosomal enhancers and recruiting the SWI/SNF (BAF) chromatin remodeling complex to establish accessible chromatin. Together with JUN, plays a role in activation-induced cell death of T cells by binding to the AP-1 promoter site of FASLG/CD95L, and inducing its transcription in response to activation of the TCR/CD3 signaling pathway. Exhibits transactivation activity in vitro.

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

|    |                |
|----|----------------|
| WB | 1:500 - 1:1000 |
|----|----------------|

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

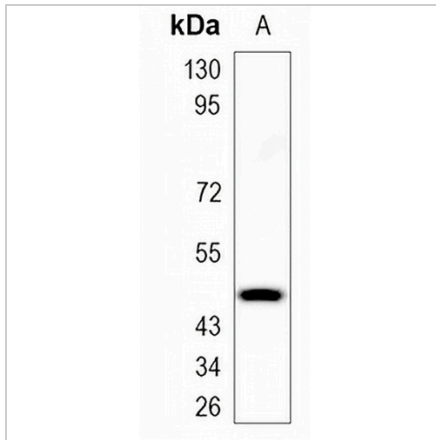
|                   |  |
|-------------------|--|
| Description       | Recombinant rabbit monoclonal antibody to FOSB   |
| Specificity       | Recognizes endogenous levels of FOSB protein   |
| Antibody Type     | Primary antibody, Recombinant  |
| Immunogen         | KLH-conjugated synthetic peptide encompassing a sequence within human FOSB. The exact sequence is proprietary. |
| Purification      | The antibody was purified by immunogen affinity chromatography.  |
| Molecular Weight  | Predicted: 35 kD; Observed: 48 kD  |
| Form/Buffer       | Liquid in PBS, pH 7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.                               |
| Alternative Names | G0S3; Protein fosB; G0/G1 switch regulatory protein 3  |
| Gene Symbol       | FOSB   |
| Entrez Gene       | 2354(Human)  |
| SwissProt         | P53539(Human)  |

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of FOSB expression in H1792 (A) whole cell lysates. (Predicted band size: 35 kD; Observed band size: 48 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.