Human FosB/G0S3 Antibody

Monoclonal Mouse IgG_{2B} Clone # 269928

Catalog Number: MAB2214

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human FosB in Western blots.
Source	Monoclonal Mouse IgG_{2B} Clone # 269928
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	*E. coli*-derived recombinant human FosB Met1-Leu338 Accession # P53539
Formulation	Lyophilized from a 0.2 μm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 μm filtered solution in PBS.

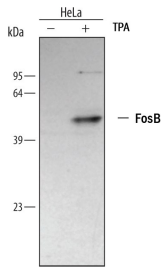
APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

	Recommended Concentration	Sample
Western Blot	0.5 µg/mL	See Below

DATA

Western Blot



Detection of Human FosB/G0S3 by Western Blot. Western blot shows lysates of HeLa human cervical epithelial carcinoma cell line untreated (-) or treated (+) with TPA for 2 hours. PVDF membrane was probed with 0.5 µg/mL of Human FosB/G0S3 Monoclonal Antibody (Catalog # MAB2214), followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # Catalog # HAF007). A specific band was detected for FosB/G0S3 at approximately 45 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS. For liquid material, refer to CoA for concentration.
Shipping	Lyophilized product is shipped at ambient temperature. Liquid small pack size (-SP) is shipped with polar packs. Upon receipt, store immediately at the temperature recommended below.
Stability & Storage	**Use a manual defrost freezer and avoid repeated freeze-thaw cycles.** • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

FosB (FBJ murine osteoscarcoma viral oncogene homolog B) is one of four Fos family proteins that associate with Jun family proteins to form the AP-1 transcription factor complex. AP-1 activity is important for gene transcription in a wide variety of cellular processes.

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