For Research Use Only

SRF Monoclonal antibody

Catalog Number:66742-1-lg

Featured Product

1 Publications



Basic Information

Catalog Number: 66742-1-lg Size: 1800 µg/ml

Source: Mouse Isotype: IgG2a

Immunogen Catalog Number:

AG10386

GenBank Accession Number:

BC048211 GeneID (NCBI): 6722 **UNIPROT ID:** P11831

Full Name: serum response factor (c-fos serum response element-binding transcription factor)

Calculated MW: 508 aa, 52 kDa

Applications

Tested Applications: IF/ICC, WB, ELISA **Cited Applications:** WB

Species Specificity: Human, mouse, rat **Cited Species:** mouse

1G8F4

CloneNo.:

Purification Method:

Protein A purification

Recommended Dilutions: WB 1:2000-1:10000 IF 1:200-1:800

Positive Controls:

WB: HeLa cells, RAW 264.7 cells, MCF-7 cells, HEK-293

cells, HepG2 cells, Jurkat cells

IF: HepG2 cells,

Background Information

Serum response factor (SRF) is a transcription factor that binds the serum response element (SRE), a sequence that mediates the transient response of many cellular genes to growth stimulation. SRF is required for cardiac differentiation and maturation due to the role in cardiac cell growth and muscle gene regulation. The full-length SRF protein is 67 kDa and molecular weight of cleaved fragment is 50 kDa and 20 kDa (PMID: 21769134).

Notable Publications

Author Pubmed ID Journal Application 34786209 Mol Ther Nucleic Acids WB Ni Zeng

Storage

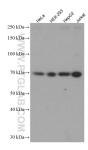
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

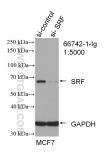
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

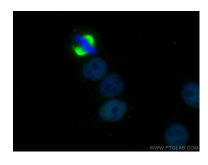
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66742-1-1g (SRF antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



WB result of SRF antibody (66742-1-1g; 1:5000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SRF transfected MCF-7 cells.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using SRF antibody (66742-1-1g, Clone: 1G8F4) at dilution of 1:400 and Coralite®488-Conjugated Affini Pure Goat Anti-Mouse IgG(H+L).