
RPS6KA1 Mouse mAb

Catalog Number: bsm-50240M

Target Protein: RPS6KA1

Concentration: 1mg/ml

Form: Liquid

Host: Mouse

Clonality: Monoclonal

Clone No.: 8C12

Isotype: IgG

Applications: WB (1:300-1000)

Reactivity: (predicted:Human, Mouse, Rat)

Predicted MW: 81 kDa

Detected MW: 90 kDa

Entrez Gene: 6195

Purification: affinity purified by Protein A

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: Rsk1 is a member of a family of 90kDa ribosomal protein S6 kinases, which includes Rsk1, Rsk2 and Rsk3. These are broadly expressed serine/threonine protein kinases activated in response to mitogenic stimuli, including extracellular signal regulated protein kinases Erk1 and Erk2. Rsk1 is activated by MAPK in vitro and in vivo via phosphorylation. Active Rsks appear to play a major role in transcriptional regulation by translocating to the nucleus and phosphorylating c Fos and CREB.