

**bsm-42049M****[ Primary Antibody ]****C-jun Mouse mAb****Bioss**  
**ANTIBODIES**

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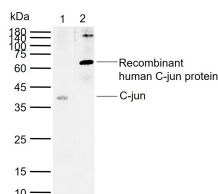
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**— DATASHEET —**

<b>Host:</b> Mouse	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)  <b>Reactivity:</b> Human  <b>Predicted MW.:</b> 36 kDa  <b>Subcellular Location:</b> Nucleus
<b>Clonality:</b> Monoclonal	<b>CloneNo.:</b> 2F5	
<b>GeneID:</b> 3725	<b>SWISS:</b> P05412	
<b>Target:</b> C-jun		
<b>Immunogen:</b> Recombinant human C-jun protein: 1-127/331.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> Size : 50ul/100ul/200ul 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Size : 200ug (PBS only) 0.01M PBS Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> C-jun (Oncoprotein C-jun) is a component of the transcription factor AP-1 that binds and activates transcription at TRE/AP-1 elements and appears to be a major downstream target of the SAPK/JNK signaling pathway. The transcriptional activity of C-jun is regulated by phosphorylation at Ser63 and Ser73. Extracellular signals including growth factors, transforming oncoproteins and UV irradiation stimulate phosphorylation of c-Jun at Ser63/73 and activate c-Jun dependent transcription. Mutation of Ser63/73 renders c-Jun nonresponsive to mitogenic and stress induced signaling pathways. The MAP kinase homologue, SAPK/JNK, binds to the N-terminal region of c-Jun and phosphorylates c-Jun at Ser63/73. In addition, the activity of SAPK/JNK is stimulated by the same signals that activate c-Jun.		

**— VALIDATION IMAGES —**

Sample: Lane 1: Human 293T cell lysates Lane 2:  
Recombinant human C-jun protein Primary:  
Anti-C-jun (bsm-42049M) at 1/500 dilution  
Secondary: IRDye800CW Goat Anti-Mouse IgG at  
1/20000 dilution Predicted band size: 36 kDa  
Observed band size: 37,62 kDa