

**bsm-42050M****[ Primary Antibody ]****Bioss**  
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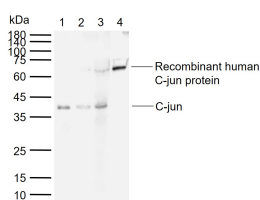
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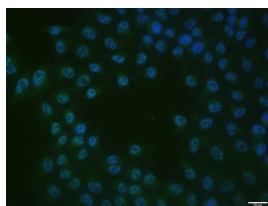
400-901-9800

**C-jun Mouse mAb****— DATASHEET —**

<b>Host:</b> Mouse	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000) <b>ICC/IF</b> (1:100)  <b>Reactivity:</b> Human  <b>Predicted MW.:</b> 36 kDa  <b>Subcellular Location:</b> Nucleus
<b>Clonality:</b> Monoclonal	<b>CloneNo.:</b> 1C12	
<b>GeneID:</b> 3725	<b>SWISS:</b> P05412	
<b>Target:</b> C-jun		
<b>Immunogen:</b> Recombinant human C-jun protein: 200-319/331.		
<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 U87MG cell lysates Lane 2: Human U251 cell lysates Lane 3: Human A431 cell lysates Lane 4: Recombinant human C-jun protein(50ng) Primary: Anti-C-jun (bsm-42050M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 36 kDa Observed band size: 40,70 kDa



Hela cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (C-jun) monoclonal Antibody, Unconjugated (bsm-42050M) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Mouse IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.