

**bs-2911R****[ Primary Antibody ]****MEK6 Rabbit pAb****Bioss**  
**ANTIBODIES**

www.bioss.com.cn

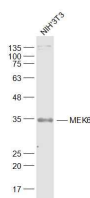
sales@bioss.com.cn

techsupport@bioss.com.cn

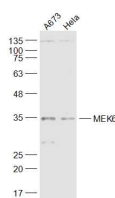
400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 5608 <b>Target:</b> MEK6 <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human MEK6: 251-334/334. <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <b>Storage:</b> 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. <b>Background:</b> Mitogen activated protein kinase kinase 6 (MEK6 or MKK6) belongs to the serine/threonine protein kinase family and the MAPK kinase subfamily (MAP2K, MKK or MEKs). MEK6, closely related to MEK3, catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in MAP kinase p38, thus activating it, in response to inflammatory cytokines and environmental stress. As an essential component of p38 MAP kinase mediated signal transduction pathway, this protein is involved in many cellular processes such as stress induced cell cycle arrest, transcription activation and apoptosis.	<b>Isotype:</b> IgG <b>SWISS:</b> P52564 <b>Applications:</b> WB (1:500-2000) <b>Reactivity:</b> Human, Mouse (predicted: Rat, Rabbit, Pig, Cow, Dog) <b>Predicted MW.:</b> 37 kDa <b>Subcellular Location:</b> Cytoplasm ,Nucleus
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

**— VALIDATION IMAGES —**

Sample: NIH/3T3(Mouse) Cell Lysate at 30 ug  
 Primary: Anti-MEK6 (bs-2911R) at 1/1000 dilution  
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 37 kD  
 Observed band size: 35 kD



Sample: A673(Human) Cell Lysate at 30 ug  
 Hela(Human) Cell Lysate at 30 ug Primary: Anti-MEK6 (bs-2911R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 37 kD Observed band size: 35 kD

**— SELECTED CITATIONS —**

- **[IF=1.75]** Shi, Zeyu, et al. "Effects of Fluoride on the Expression of p38MAPK Signaling Pathway-Related Genes and Proteins in Spleen Lymphocytes of Mice." Biological Trace Element Research (2016): 1-6. WB ;="Mouse". 26906276