

**bs-20300R****[ Primary Antibody ]****BioSS**  
ANTIBODIES

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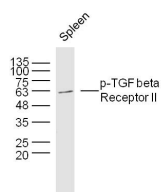
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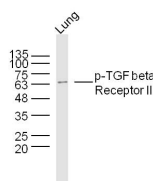
400-901-9800

**phospho-TGF beta Receptor II (Ser225) Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 7048 <b>Target:</b> TGF beta Receptor II (Ser225) <b>Immunogen:</b> KLH conjugated synthesised phosphopeptide derived from human TGF beta Receptor II around the phosphorylation site of Ser225: DR(p-S)DI. <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <b>Storage:</b> Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. <b>Background:</b> This gene encodes a member of the Ser/Thr protein kinase family and the TGFβ receptor subfamily. The encoded protein is a transmembrane protein that has a protein kinase domain, forms a heterodimeric complex with another receptor protein, and binds TGF-β. This receptor/ligand complex phosphorylates proteins, which then enter the nucleus and regulate the transcription of a subset of genes related to cell proliferation. Mutations in this gene have been associated with Marfan Syndrome, Loeys-Deitz Aortic Aneurysm Syndrome, and the development of various types of tumors. Alternatively spliced transcript variants encoding different isoforms have been characterized.	<b>Isotype:</b> IgG <b>SWISS:</b> P37173 <b>Applications:</b> WB (1:500-2000) <b>Reactivity:</b> Human, Mouse (predicted: Rat, Rabbit, Pig, Sheep, Dog) <b>Predicted MW.:</b> 62 kDa <b>Subcellular Location:</b> Cell membrane
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**— VALIDATION IMAGES —**

Sample: Spleen (Mouse) Lysate at 40 ug Primary:  
Anti- p-TGF beta Receptor II(Ser225)  
(bs-20300R)at 1/300 dilution Secondary:  
IRDye800CW Goat Anti-Rabbit IgG at 1/20000  
dilution Predicted band size: 62 kD Observed  
band size: 64 kD



Sample: Lung (Mouse) Lysate at 40 ug Primary:  
Anti- p-TGF beta Receptor II(Ser225)  
(bs-20300R)at 1/300 dilution Secondary:  
IRDye800CW Goat Anti-Rabbit IgG at 1/20000  
dilution Predicted band size: 62 kD Observed  
band size: 64 kD

**— SELECTED CITATIONS —**

- **[IF=8.4]** Liao Zhaohong. et al. Myofiber directs macrophages IL-10-Vav1-Rac1 efferocytosis pathway in inflamed muscle following CTX myoinjury by activating the intrinsic TGF-β signaling. CELL COMMUN SIGNAL. 2023 Dec;21(1):1-18 ICC,WB ;Mouse. 37403092