

**bs-13004R****[ Primary Antibody ]****phospho-Dishevelled 2 (Ser143) Rabbit pAb****BioSS**  
**ANTIBODIES**

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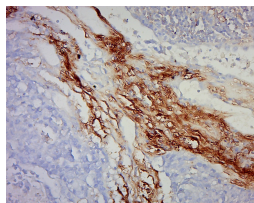
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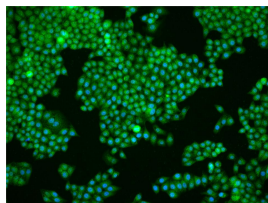
400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>IHC-P</b> (1:100-500)
<b>Clonality:</b> Polyclonal		<b>IHC-F</b> (1:100-500)
<b>GeneID:</b> 1856	<b>SWISS:</b> O14641	<b>IF</b> (1:100-500)
<b>Target:</b> Dishevelled 2 (Ser143)		<b>ICC/IF</b> (1:50)
<b>Immunogen:</b> KLH conjugated synthesised phosphopeptide derived from human Dishevelled 2 around the phosphorylation site of Ser143: SS(p-S)HE.		<b>Reactivity:</b> Human (predicted: Mouse, Rat, Danio rerio)
<b>Purification:</b> affinity purified by Protein A		<b>Predicted MW.:</b> 81 kDa
<b>Concentration:</b> 1mg/ml		<b>Subcellular Location:</b> Cell membrane ,Cytoplasm
<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> This gene encodes a member of the dishevelled (dsh) protein family. The vertebrate dsh proteins have approximately 40% amino acid sequence similarity with Drosophila dsh. This gene encodes a 90-kD protein that undergoes posttranslational phosphorylation to form a 95-kD cytoplasmic protein, which may play a role in the signal transduction pathway mediated by multiple Wnt proteins. The mechanisms of dishevelled function in Wnt signaling are likely to be conserved among metazoans. [provided by RefSeq, Jul 2008].		

**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (Human lung cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (phospho-Dishevelled 2 (Ser143) ) Polyclonal Antibody, Unconjugated (bs-13004R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody (sp-0023) for 20 minutes and DAB staining.



MCF-7 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 (phospho-Dishevelled 2 (Ser143)) polyclonal Antibody, Unconjugated (bs-13004R) 1:50, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.