

**bs-3137R****[ Primary Antibody ]****phospho-FOXO1 + FOXO3 + FOXO4 (phospho T24 + T32) Rabbit pAb****Bioss**  
ANTIBODIES

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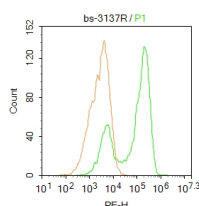
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**DATASHEET**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> Flow-Cyt (2ug/Test)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Human (predicted: Mouse, Rat, Rabbit, Pig, Cow, Chicken, Dog)
<b>GeneID:</b> 2308	<b>SWISS:</b> Q12778	<b>Predicted MW.:</b> 74 kDa
<b>Target:</b> FOXO1 + FOXO3 + FOXO4 (phospho T24 + T32)		<b>Subcellular Location:</b> Cytoplasm ,Nucleus
<b>Immunogen:</b> KLH conjugated Synthesised phosphopeptide derived from human FOXO1 around the phosphorylation site of Thr24: SC(p-T)WP.		
<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> This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in myogenic growth and differentiation. Translocation of this gene with PAX3 has been associated with alveolar rhabdomyosarcoma. [provided by RefSeq].		

**VALIDATION IMAGES**

Blank control:HepG2. Primary Antibody (green line): Rabbit Anti-Phospho-FOXO1 + FOXO3 + FOXO4 (phospho T24 + T32) antibody (bs-3137R)  
Dilution: 2µg /10<sup>6</sup> cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-PE Dilution: 1µg /test. Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 90% ice-cold methanol for 20 min at -20°C. The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.