

**bsm-63304R****[ Primary Antibody ]**

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**phospho-FGFR3 (Y642) Recombinant Rabbit mAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:1000-1:2000) <b>Flow-Cyt</b> (1:20-1:100) <b>ICC/IF</b> (1:50-1:200) <b>IP</b> (1:20-1:50)  <b>Reactivity:</b> Human, Mouse   <b>Predicted MW.:</b> 88 kDa  <b>Subcellular Location:</b> Cell membrane ,Cytoplasm
<b>Clonality:</b> Recombinant	<b>CloneNo.:</b> 11G8	
<b>GeneID:</b> 2261	<b>SWISS:</b> P22607	
<b>Target:</b> phospho-FGFR3 (Y642)		
<b>Immunogen:</b> A synthesized peptide derived from human FGFR3 around the phosphorylation site of Y642: DL-pY-MI.		
<b>Purification:</b> affinity purified by Protein A		
<b>Storage:</b> 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> Tyrosine-protein kinase that acts as a cell-surface receptor for fibroblast growth factors and plays an essential role in the regulation of cell proliferation, differentiation and apoptosis. Plays an essential role in the regulation of chondrocyte differentiation, proliferation and apoptosis, and is required for normal skeleton development. Regulates both osteogenesis and postnatal bone mineralization by osteoblasts.		