

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

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

Host: Rabbit	Isotype: IgG	Applications: WB (1:1000-2000) Flow-Cyt (1:50-100) ICC/IF (1:50-200) IP (1:20-50) Reactivity: Human, Mouse Predicted MW.: 88 kDa Subcellular Location: Cell membrane ,Cytoplasm
Clonality: Recombinant	CloneNo.: 11G8	
GeneID: 2261	SWISS: P22607	
Target: FGFR3 (Y642)		
Immunogen: A synthesized peptide derived from human FGFR3 around the phosphorylation site of Y642: DL-pY-MI.		
Purification: affinity purified by Protein A		
Storage: 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.		
Background: 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.		