

bsm-63027R**[Primary Antibody]****BioSS**
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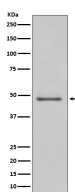
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MEK5 Recombinant Rabbit mAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:1000-1:2000) ICC/IF (1:50-1:200)
Clonality: Recombinant		Reactivity: Human
GeneID: 5607	SWISS: Q13163	
Target: MEK5		
Immunogen: A synthesized peptide derived from human MEK5: 300-348/448.		
Purification: affinity purified by Protein A		Predicted MW.: 50
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.		Subcellular Location: Cytoplasm
Background: Acts as a scaffold for the formation of a ternary MAP3K2/MAP3K3-MAP3K5-MAPK7 signaling complex. Activation of this pathway appears to play a critical role in protecting cells from stress-induced apoptosis, neuronal survival and cardiac development and angiogenesis. As part of the MAPK/ERK signaling pathway, acts as a negative regulator of apoptosis in cardiomyocytes via promotion of STUB1/CHIP-mediated ubiquitination and degradation of ICER-type isoforms of CREM.		

— VALIDATION IMAGES —

Western blot analysis of HeLa cell lysate. Using MEK5 (bsm-63027R) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.