

bsm-51489M**[Primary Antibody]****RYK Mouse mAb****Bioss**
ANTIBODIES

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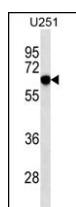
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— DATASHEET —

Host: Mouse	Isotype: IgG2b,k	Applications: WB (1:500-2000)
Clonality: Monoclonal	CloneNo.: F12G6	Reactivity: Human
GeneID: 6259	SWISS: P34925	
Target: RYK		
Purification: affinity purified by Protein G		
Concentration: 1mg/ml		Predicted MW.: 68 kDa
Storage: 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.		Subcellular Location: Nucleus
Background: The protein encoded by this gene is an atypical member of the family of growth factor receptor protein tyrosine kinases, differing from other members at a number of conserved residues in the activation and nucleotide binding domains. This gene product belongs to a subfamily whose members do not appear to be regulated by phosphorylation in the activation segment. It has been suggested that mediation of biological activity by recruitment of a signaling-competent auxiliary protein may occur through an as yet uncharacterized mechanism. The encoded protein has a leucine-rich extracellular domain with a WIF-type Wnt binding region, a single transmembrane domain, and an intracellular tyrosine kinase domain. This protein is involved in stimulating Wnt signaling pathways such as the regulation of axon pathfinding. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Feb 2012]		

— VALIDATION IMAGES —

Sample: Lane 1: U251 cell lysates Primary: Anti-RYK (bsm-51489M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 68 kD Observed band size: 68 kD