

## RYK Recombinant Rabbit mAb

Catalog: BS46913

Host: Rabbit

Reactivity: Human

### 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]

### Product:

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

### Molecular Weight:

72 kDa

### Swiss-Prot:

P34925

### Purification&Purity:

Affinity Purification

### Applications:

WB: 1:5000-1:10000 <br /> IHC: 1:20-1:50 <br /> ICC/IF: 1:20-1:50 <br /> FC: 1:20 <br /> IP: 1:20-1:50

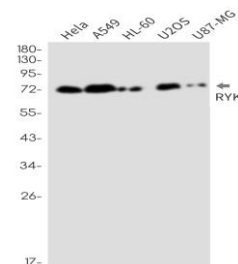
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Isotype:

IgG

### DATA:



Western blot detection of RYK in HeLa, A549, HL-60, U2OS, U87-MG cell lysates using RYK antibody (1:1000 diluted).

### Note:

For research use only, not for use in diagnostic procedure.

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