



RYK Monoclonal Antibody

Catalog No	BYmab-07172
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	RYK JTK5A
Protein Name	Tyrosine-protein kinase RYK (EC 2.7.10.1)
Immunogen	Synthesized peptide derived from human protein . at AA range: 150-230
Specificity	RYK Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	66kD
Cell Pathway	Membrane ; Single-pass type I membrane protein . Nucleus . Cytoplasm . In cells that have undergone neuronal differentiation, the C-terminal cleaved part is translocated from the cytoplasm to the nucleus. .
Tissue Specificity	Observed in all the tissues examined.
Function	catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.;function:Potential growth factor receptor protein tyrosine kinase.;similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family.;similarity:Contains 1 protein kinase domain.;similarity:Contains 1 WIF domain.;tissue specificity:Observed in all the tissues examined.,
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

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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

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

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