Product Name: RYK Mouse Monoclonal Antibody
Catalog #: AMM86036

Summary

Production Name	RYK Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,FC
Reactivity	Human, Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Immunogen

Gene Name	RYK
Alternative Names	Tyrosine-protein kinase RYK, 2.7.10.1, RYK, JTK5A
Gene ID	6259.0
SwissProt ID	P34925. This RYK antibody is generated from a mouse immunized with a KLH conjugated synthetic peptide between 260-565 amino acids from human RYK.

Application

Dilution Ratio	WB:1:1000,FC:1:25
Molecular Weight	67.8kDa

Background

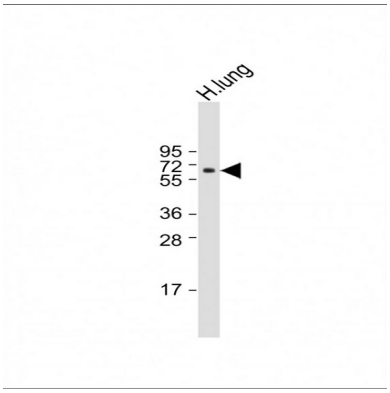
May be a coreceptor along with FZD8 of Wnt proteins, such as WNT1, WNT3, WNT3A and WNT5A. Involved in neuron

differentiation, axon guidance, corpus callosum establishment and neurite outgrowth. In response to WNT3 stimulation, receptor C- terminal cleavage occurs in its transmembrane region and allows the C-terminal intracellular product to translocate from the cytoplasm to the nucleus where it plays a crucial role in neuronal development.

Research Area

Wnt signaling pathway

Image Data



Anti-RYK Antibody at 1:1000 dilution + human lung lysate

Note

For research use only.