



Datasheet for ABIN4913824
anti-RYK antibody



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1 Image

Overview

Quantity:	100 µL
Target:	RYK
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RYK antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This RYK antibody is generated from a mouse immunized with a KLH conjugated synthetic peptide between 260-565 amino acids from human RYK.
Clone:	1C1
Isotype:	IgG1
Cross-Reactivity:	Human
Purification:	Purified by Protein G.

Target Details

Target:	RYK
Alternative Name:	RYK (RYK Products)
Background:	Synonyms: JTK5, RYK1, JTK5A, D3S3195, Tyrosine-protein kinase RYK, RYK

Target Details

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.

Gene ID: 6259

UniProt: [P34925](#)

Pathways: [RTK Signaling](#), [WNT Signaling](#), [Regulation of Cell Size](#)

Application Details

Application Notes: WB 1:300-5000
FCM 1:20-100

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

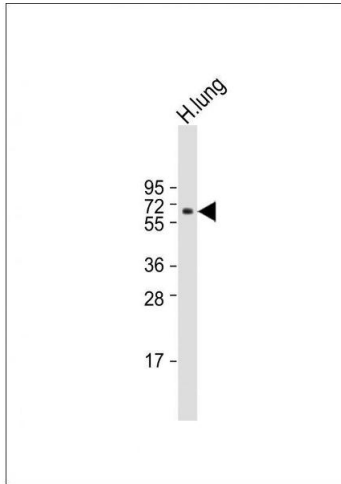
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months



Western Blotting

Image 1. Lane 1: Human lung lysates, probed with RYK (1671CT575.42.61) Monoclonal Antibody, unconjugated (bsm-51365M) at 1:1000 overnight at 4°C followed by a conjugated secondary antibody for 60 minutes at 37°C.