

产品名称: Cadherin 5 Rabbit Monoclonal Antibody
产品货号: AMRe02755



产品概述 (Summary)

产品名称 (Production Name)	Cadherin 5 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF, IP
种属反应性 (Reactivity)	Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	Cdh5
别名 (Alternative Names)	7B4; Vec; VECD; Cd144; VEcad; VE-Cad; AA408225
基因 ID (Gene ID)	12562.0
蛋白 ID (SwissProt ID)	P55284.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000, ICC/IF 1:50-1:200, IP 1:20-1:50
蛋白分子量 (Molecular Weight)	Calculated MW: 88 kDa; Observed MW: 90-140 kDa

研究背景 (Background)

Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic

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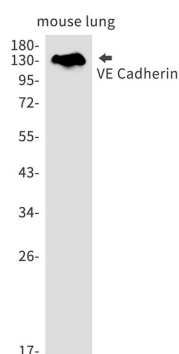


manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. This cadherin may play an important role in endothelial cell biology through control of the cohesion and organization of the intercellular junctions. Acts in concert with KRIT1 to establish and maintain correct endothelial cell polarity and vascular lumen. These effects are mediated by recruitment and activation of the Par polarity complex and RAP1B. Required for activation of PRKCZ and for localization of phosphorylated PRKCZ, PARD3, TIAM1 and RAP1B to the cell junction.

研究领域 (Research Area)

Signal Transduction

图片 (Image Data)



Western blot analysis of VE Cadherin in mouse lung lysates using Cadherin 5 antibody.

注意事项 (Note)

For research use only .