

产品名称: DDR2(Ascites) Mouse Monoclonal Antibody
产品货号: AMM85933



产品概述 (Summary)

产品名称 (Production Name)	DDR2(Ascites) Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
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)	Purified antibody in PBS with 0.05% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	DDR2(Ascites) Discoidin domain-containing receptor 2, Discoidin domain receptor 2, CD167 antigen-like family member B, Discoidin domain-containing receptor tyrosine kinase 2, Neurotrophic tyrosine kinase, receptor-related 3, Receptor protein-tyrosine kinase TKT, Tyrosine-protein kinase TYRO10, CD167b, DDR2, NTRKR3, TKT, TYRO10
别名 (Alternative Names)	
基因 ID (Gene ID)	4921.0
蛋白 ID (SwissProt ID)	Q16832.This DDR2 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 290-320 amino acids from human DDR2.

产品应用 (Application)

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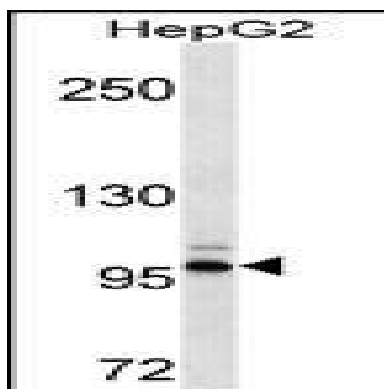
稀释比 (Dilution Ratio) WB 1:200-1:1600
蛋白分子量 (Molecular Weight) 96.7kDa

研究背景 (Background)

Receptor tyrosine kinases (RTKs) play a key role in the communication of cells with their microenvironment. These molecules are involved in the regulation of cell growth, differentiation, and metabolism. In several cases the biochemical mechanism by which RTKs transduce signals across the membrane has been shown to be ligand induced receptor oligomerization and subsequent intracellular phosphorylation. This autophosphorylation leads to phosphorylation of cytosolic targets as well as association with other molecules, which are involved in pleiotropic effects of signal transduction. RTKs have a tripartite structure with extracellular, transmembrane, and cytoplasmic regions. This gene encodes a member of a novel subclass of RTKs and contains a distinct extracellular region encompassing a factor VIII-like domain. Alternative splicing in the 5' UTR results in multiple transcript variants encoding the same protein. [provided by RefSeq].

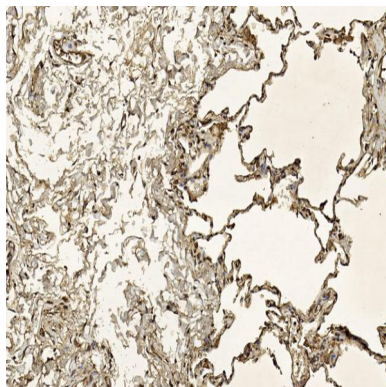
研究领域 (Research Area)

图片 (Image Data)



DDR2 Antibody (Cat. #AMM85933) western blot analysis in HepG2 cell line lysates (35µg/lane). This demonstrates the DDR2 antibody detected the DDR2 protein (arrow).

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Immunohistochemical analysis of paraffin-embedded Human lung section using Pink1(Cat#am2058a). am2058a was diluted at 1:200 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

注意事项 (Note)

For research use only .