

产品名称: ROR1 Mouse Monoclonal Antibody
产品货号: AMM80761



产品概述 (Summary)

产品名称 (Production Name)	ROR1 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	ICC,ELISA
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)	ROR1
别名 (Alternative Names)	ROR1
基因 ID (Gene ID)	4919.0
蛋白 ID (SwissProt ID)	Q01973.Recombinant extracellular fragment of human ROR1 (aa30-406) fused with hlgGfc tag, expressed in HEK293 cells

产品应用 (Application)

稀释比 (Dilution Ratio)	ICC 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	101kDa

研究背景 (Background)

ROR1, a type I membrane protein, is a receptor protein tyrosine kinase that modulates neurite growth in the central

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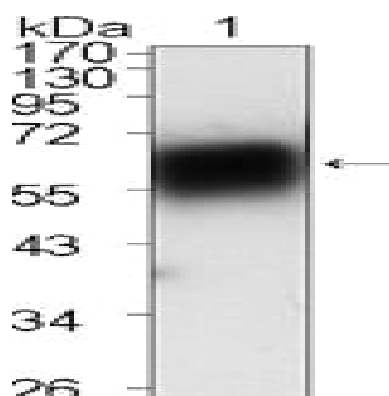


nervous system. The ROR-family receptor tyrosine kinases consist of two structurally related proteins, ROR1 and ROR2. These proteins are characterized by having intracellular tyrosine kinase domains, which are highly related to Trk-family kinases, extracellular Frizzled-like cysteine-rich domains (CRDs) and Kringle domains. The ROR family members are highly conserved among species, such as *C. elegans*, *Drosophila*, *Xenopus* and mammals. ROR1 and ROR2 are both involved in organogenesis with particular emphasis in neuronal differentiation. Increased expression of ROR1 in acute lymphoblastic leukemias (ALLs) as well as chronic lymphocytic leukemias (CLLs) implicate this protein as a potential tool for targeted immunotherapy in these diseases.

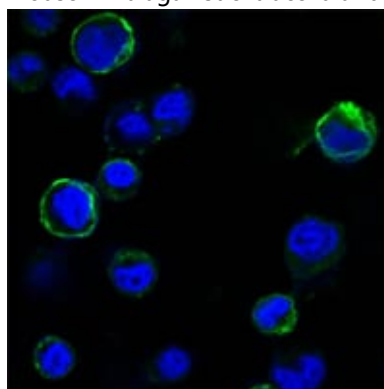
研究领域 (Research Area)

Wnt signaling pathway

图片 (Image Data)



Western blot analysis using ROR1 mouse mAb against extracellular domain of human ROR1 (aa30-423).



Confocal Immunofluorescence analysis of HEK293 cells trasfected with extracellular ROR1 (aa30-406)-hlgGfc using ROR1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.

注意事项 (Note)

For research use only .