

产品名称: FAK Mouse Monoclonal Antibody
产品货号: AMM80802



产品概述 (Summary)

产品名称 (Production Name)	FAK Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC,ELISA
种属反应性 (Reactivity)	Human,Mouse

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)	FAK
别名 (Alternative Names)	FAK; FADK; FAK1; FRNK; pp125FAK; PTK2
基因 ID (Gene ID)	5747.0
蛋白 ID (SwissProt ID)	Q05397.Purified recombinant fragment of human FAK expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	119kDa

研究背景 (Background)

This gene encodes a cytoplasmic protein tyrosine kinase which is found concentrated in the focal adhesions that form between cells growing in the presence of extracellular matrix constituents. The encoded protein is a member of the FAK

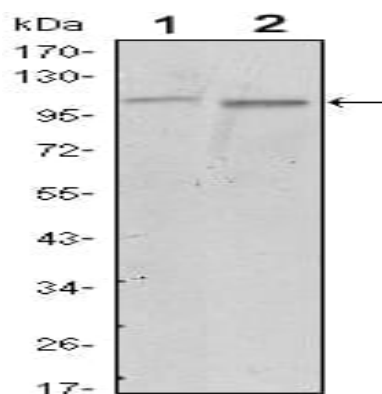
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subfamily of protein tyrosine kinases but lacks significant sequence similarity to kinases from other subfamilies. Activation of this gene may be an important early step in cell growth and intracellular signal transduction pathways triggered in response to certain neural peptides or to cell interactions with the extracellular matrix. At least four transcript variants encoding four different isoforms have been found for this gene, but the full-length natures of only two of them have been determined. Tissue specificity: Expressed in all organs tested, in lymphoid cell lines, but most abundantly in brain.RD: Focal adhesion kinase 1 (FAK) is a ubiquitously expressed non-receptor protein tyrosine kinase that is concentrated in the focal adhesions that form between cells growing in the presence of extracellular matrix constituents. This cellular localization is directed by a

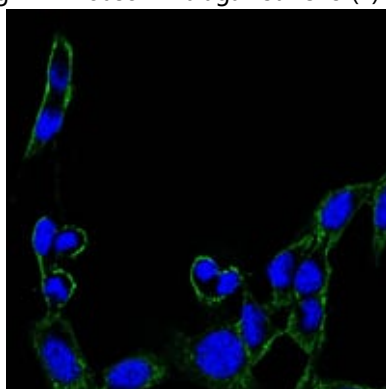
研究领域 (Research Area)

PI3K-Akt signaling pathway

图片 (Image Data)

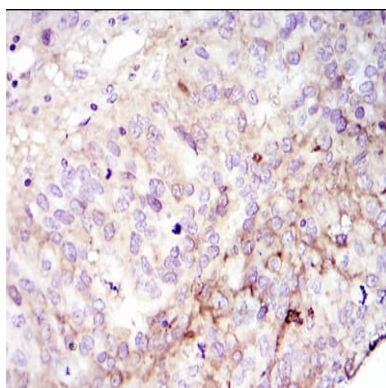


Western blot analysis using FAK mouse mAb against A549 (1) and NIH/3T3 (2) cell lysate.



Immunofluorescence analysis of B16 cells using FAK mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.

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Immunohistochemical analysis of paraffin-embedded human cervixes tumour using FAK mouse mAb with DAB staining

注意事项 (Note)

For research use only .