

产品名称: Metadherin Mouse Monoclonal Antibody
产品货号: AMM80784



产品概述 (Summary)

产品名称 (Production Name)	Metadherin Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ELISA,FC
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)	Metadherin
别名 (Alternative Names)	3D3; AEG1; LYRIC; MTDH
基因 ID (Gene ID)	92140.0
蛋白 ID (SwissProt ID)	Q86UE4.Purified recombinant fragment of human Metadherin expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	64kDa

研究背景 (Background)

Metadherin (Metastasis adhesion protein), also known as MTDH, LYsine-Rich CEACAM1 co-isolated (LYRIC), is a novel

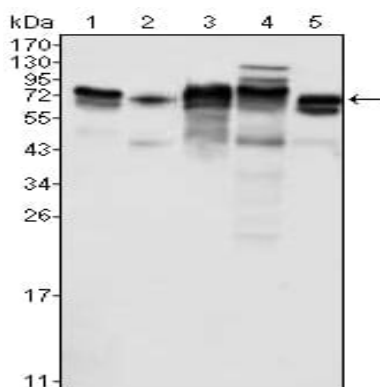
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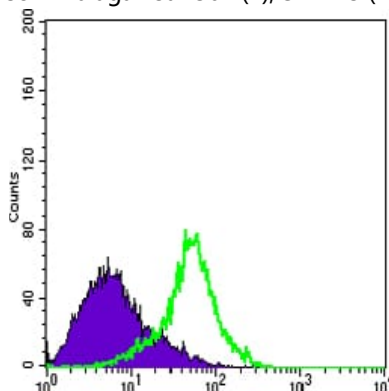
protein that localizes with the tight junction proteins ZO-1 and occludin in polarized epithelial cells. At the tight junction, it acts not as a structural component, but is rather recruited during the maturation of the tight junction complex. Metadherin is overexpressed in breast cancer tissue and breast tumor xenografts, while much lower levels are expressed in normal breast tissue. Metadherin binds to lung vasculature, one of the four common sites of breast cancer metastasis, through a C-terminal segment in the extracellular domain; blocking this lung-homing domain with antibodies or inhibiting metadherin with siRNA has been reported to inhibit breast cancer metastasis.

研究领域 (Research Area)

图片 (Image Data)

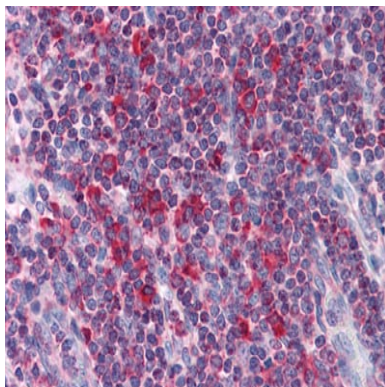


Western blot analysis using Metadherin mouse mAb against K562 (1), SKBR-3 (2), T47D (3), Hela (4) and MCF-7 (5) cell lysate.



Flow cytometric analysis of Hela cells using Metadherin mouse mAb (green) and negative control (purple).

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Immunohistochemical analysis of paraffin-embedded human Liver tissues using Metadherin mouse mAb

注意事项 (Note)

For research use only .