

产品名称: CD104 Mouse Monoclonal Antibody
产品货号: AMM81974



产品概述 (Summary)

产品名称 (Production Name)	CD104 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 IgG2a
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)	CD104
别名 (Alternative Names)	ITGB4; GP150
基因 ID (Gene ID)	3691.0
蛋白 ID (SwissProt ID)	P16144.Purified recombinant fragment of human CD104 (AA: extra 29-206) 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)	202.2kDa

研究背景 (Background)

Integrins are heterodimers comprised of alpha and beta subunits, that are noncovalently associated transmembrane

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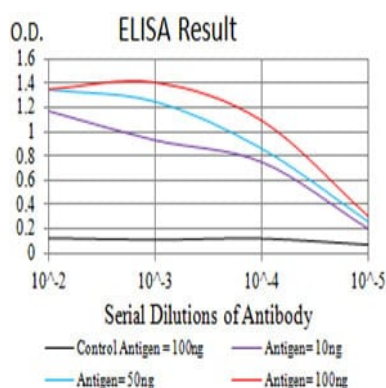


glycoprotein receptors. Different combinations of alpha and beta polypeptides form complexes that vary in their ligand-binding specificities. Integrins mediate cell-matrix or cell-cell adhesion, and transduced signals that regulate gene expression and cell growth. This gene encodes the integrin beta 4 subunit, a receptor for the laminins. This subunit tends to associate with alpha 6 subunit and is likely to play a pivotal role in the biology of invasive carcinoma. Mutations in this gene are associated with epidermolysis bullosa with pyloric atresia. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

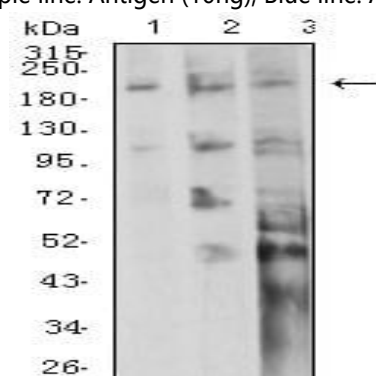
研究领域 (Research Area)

PI3K-Akt signaling pathway

图片 (Image Data)

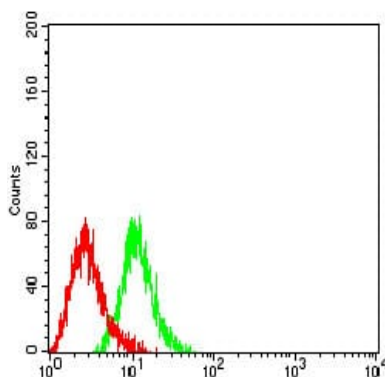


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

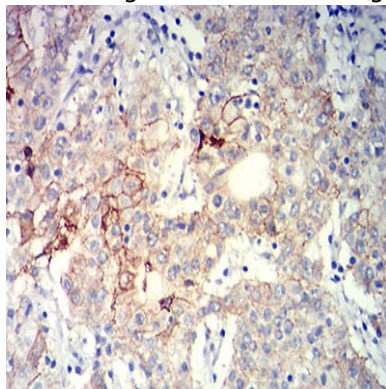


Western blot analysis using CD104 mouse mAb against A549 (1), A431 (2), and SW620 (3) cell lysate.

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Flow cytometric analysis of HL-60 cells using CD104 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissues using CD104 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .