产品名称：ITGA1 Mouse Monoclonal Antibody
产品货号：AMM82798

产品概述（Summary）

产品名称（Production Name）	ITGA1 Mouse Monoclonal Antibody
描述（Description）	Mouse monoclonal Antibody
宿主（Host）	Mouse
应用（Application）	IHC,ICC,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）	ITGA1
别名（Alternative Names）	VLA1; CD49a
基因 ID（Gene ID）	3672.0
蛋白 ID（SwissProt ID）	P56199.Purified recombinant fragment of humanITGA1 (AA: extra(151-364)) expressed in E. Coli.

产品应用（Application）

稀释比（Dilution Ratio）	IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量（Molecular Weight）	130.8kDa

研究背景（Background）

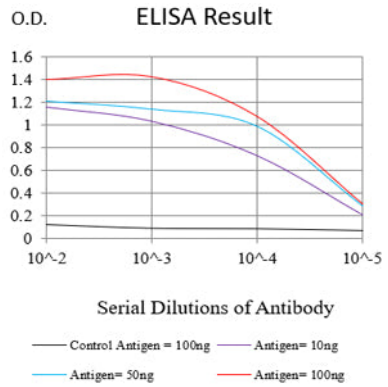
This gene encodes the alpha 1 subunit of integrin receptors. This protein heterodimerizes with the beta 1 subunit to form a

cell-surface receptor for collagen and laminin. The heterodimeric receptor is involved in cell-cell adhesion and may play a role in inflammation and fibrosis. The alpha 1 subunit contains an inserted (I) von Willebrand factor type I domain which is thought to be involved in collagen binding. [provided by RefSeq, Jul 2008]

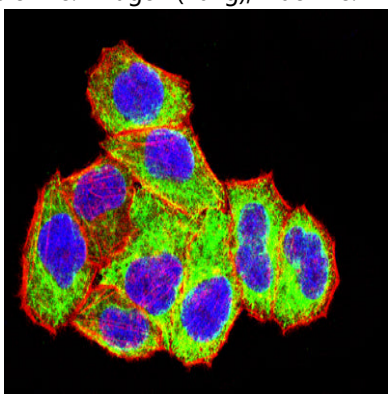
研究领域（Research Area）

PI3K-Akt signaling pathway

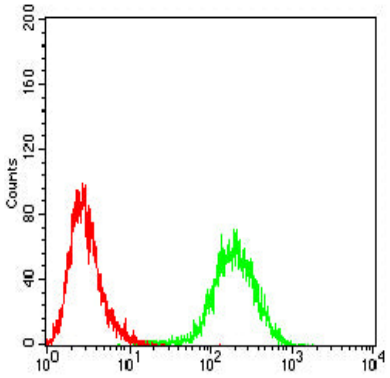
图片（Image Data）



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

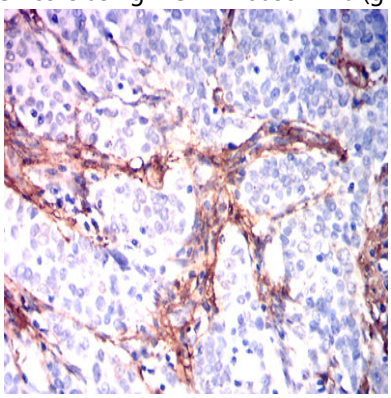


Immunofluorescence analysis of Hela cells using ITGA1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

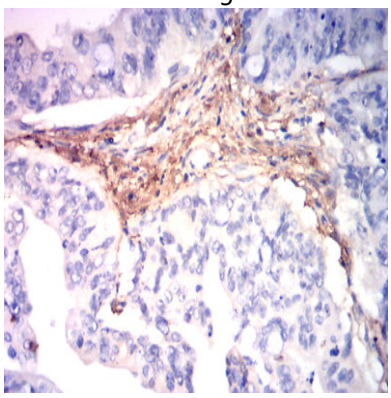


产品名称：ITGA1 Mouse Monoclonal Antibody
产品货号：AMM82798

Flow cytometric analysis of HepG2 cells using ITGA1 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human Cervical cancer tissues using ITGA1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human rectal cancer tissues using ITGA1 mouse mAb with DAB staining.

注意事项（Note）

For research use only .