

产品名称: CD49D Mouse Monoclonal Antibody
产品货号: AMM82136



产品概述 (Summary)

产品名称 (Production Name)	CD49D Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,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)	CD49D
别名 (Alternative Names)	ITGA4; IA4
基因 ID (Gene ID)	3676.0
蛋白 ID (SwissProt ID)	P13612.Purified recombinant fragment of human CD49D (AA: extra 833-977) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	114.9kDa

研究背景 (Background)

The gene encodes a member of the integrin alpha chain family of proteins. Integrins are heterodimeric integral membrane

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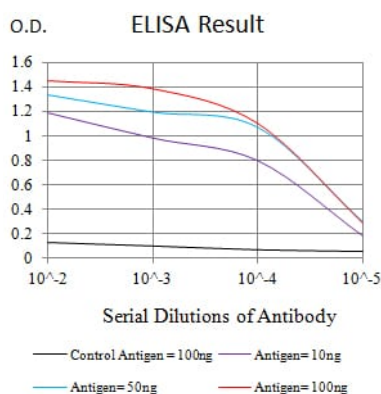


proteins composed of an alpha chain and a beta chain that function in cell surface adhesion and signaling. The encoded preproprotein is proteolytically processed to generate light and heavy chains that comprise the alpha 4 subunit. This subunit associates with a beta 1 or beta 7 subunit to form an integrin that may play a role in cell motility and migration. This integrin is a therapeutic target for the treatment of multiple sclerosis, Crohn's disease and inflammatory bowel disease. Alternative splicing results in multiple transcript variants.

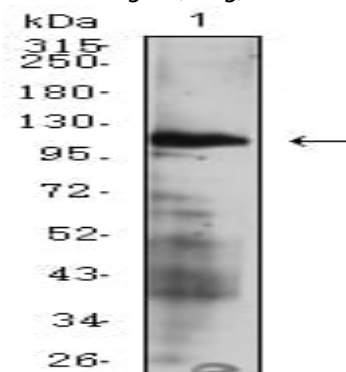
研究领域 (Research Area)

PI3K-Akt signaling pathway

图片 (Image Data)

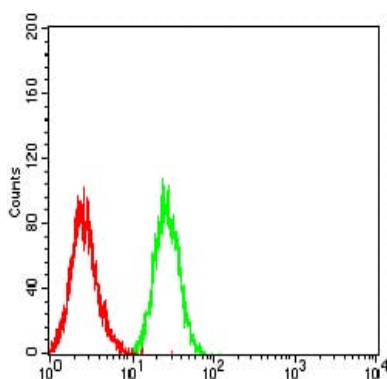


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using CD49D mouse mAb against HL-60 (1) cell lysate.

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Flow cytometric analysis of HL-60 cells using CD49D mouse mAb (green) and negative control (red).

注意事项 (Note)

For research use only .