

产品名称: CD177 Mouse Monoclonal Antibody
产品货号: AMM82190



产品概述 (Summary)

产品名称 (Production Name)	CD177 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 IgG2b
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)	CD177
别名 (Alternative Names)	NB1; PRV1; HNA2A; PRV-1; HNA-2a; NB1 GP
基因 ID (Gene ID)	57126.0
蛋白 ID (SwissProt ID)	Q8N6Q3.Purified recombinant fragment of human CD177 (AA: extra 22-161) 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)	46.4kDa

研究背景 (Background)

This gene encodes a glycosyl-phosphatidylinositol (GPI)-linked cell surface glycoprotein that plays a role in neutrophil

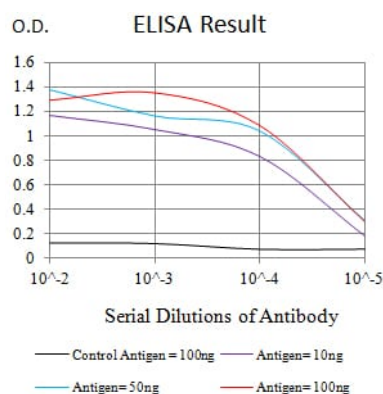
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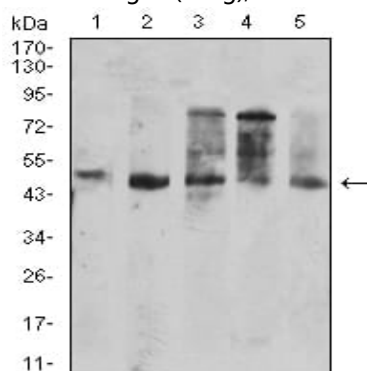
activation. The protein can bind platelet endothelial cell adhesion molecule-1 and function in neutrophil transmigration. Mutations in this gene are associated with myeloproliferative diseases. Over-expression of this gene has been found in patients with polycythemia rubra vera. Autoantibodies against the protein may result in pulmonary transfusion reactions, and it may be involved in Wegener's granulomatosis. A related pseudogene, which is adjacent to this gene on chromosome 19, has been identified.

研究领域 (Research Area)

图片 (Image Data)

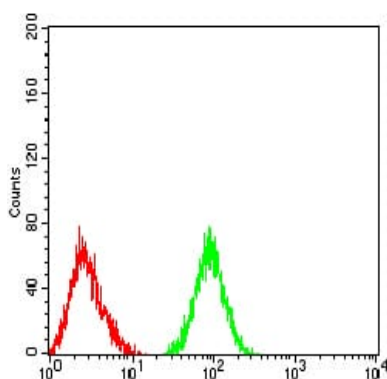


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using CD177 mouse mAb against SPC-A-1 (1), SK-MES-1 (2), HepG2 (3), HL-60 (4), and PC-3 (5) cell lysate.

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Flow cytometric analysis of HL-60 cells using CD177 mouse mAb (green) and negative control (red).

注意事项 (Note)

For research use only .