

产品名称: CD156B Mouse Monoclonal Antibody
产品货号: AMM82931



产品概述 (Summary)

产品名称 (Production Name)	CD156B Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,ICC,ELISA,FC
种属反应性 (Reactivity)	Human, Mouse

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)	CD156B
别名 (Alternative Names)	ADAM17;CSVP; TACE; NISBD; ADAM18;; NISBD1
基因 ID (Gene ID)	6868.0
蛋白 ID (SwissProt ID)	P78536.Purified recombinant fragment of human CD156B (AA: 497-671) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	93kDa

研究背景 (Background)

This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are

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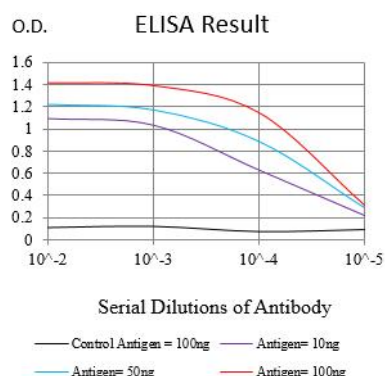


membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biologic processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The encoded preproprotein is proteolytically processed to generate the mature protease. The encoded protease functions in the ectodomain shedding of tumor necrosis factor-alpha, in which soluble tumor necrosis factor-alpha is released from the membrane-bound precursor. This protease also functions in the processing of numerous other substrates, including cell adhesion proteins, cytokine and growth factor receptors and epidermal growth factor (EGF) receptor ligands, and plays a prominent role in the activation of the Notch signaling pathway. Elevated expression of this gene has been observed in specific cell types derived from psoriasis, rheumatoid arthritis, multiple sclerosis and Crohn's disease patients, suggesting that the encoded protein may play a role in autoimmune disease. Additionally, this protease may play a role in viral infection through its cleavage of ACE2, the cellular receptor for SARS-CoV and SARS-CoV-2.

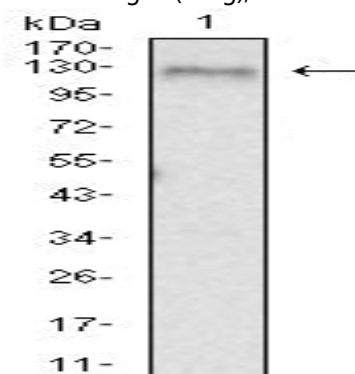
研究领域 (Research Area)

Notch signaling pathway

图片 (Image Data)

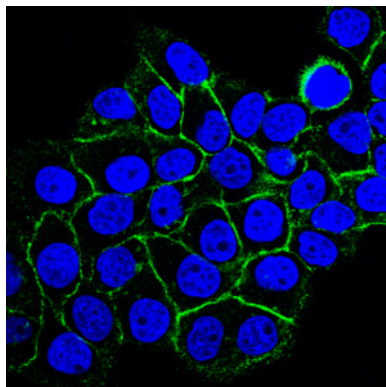


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

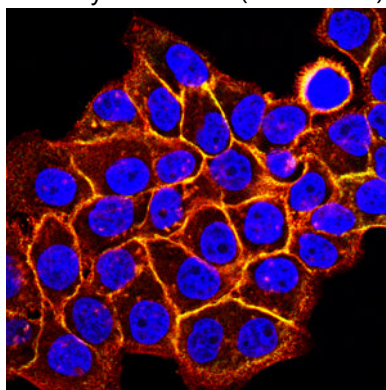


Western blot analysis using CD156B mouse mAb against Jurkat (1) cell lysate.

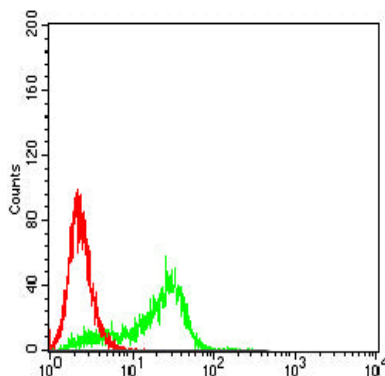
产品名称: CD156B Mouse Monoclonal Antibody
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Immunofluorescence analysis of HeLa cells using CD156B mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Secondary antibody from Fisher (Cat#: 35503)

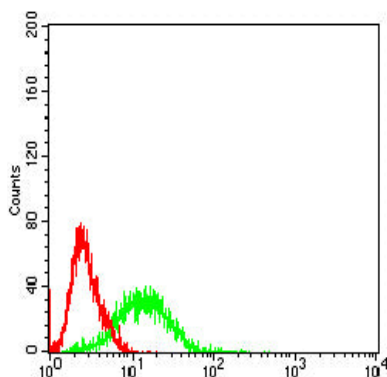


Immunofluorescence analysis of HeLa cells using CD156B mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

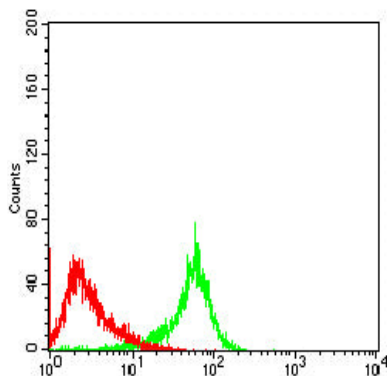


Flow cytometric analysis of HeLa cells using CD156B mouse mAb (green) and negative control (red).

产品名称: CD156B Mouse Monoclonal Antibody
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Flow cytometric analysis of NIH/3T3 cells using CD156B mouse mAb (green) and negative control (red).



Flow cytometric analysis of Raji cells using CD156B mouse mAb (green) and negative control (red).

注意事项 (Note)

For research use only .