

产品名称: CD276 Mouse Monoclonal Antibody
产品货号: AMM80893



产品概述 (Summary)

产品名称 (Production Name)	CD276 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC,ELISA,FC
种属反应性 (Reactivity)	Human,Mouse,Rat,Rabbit,Monkey

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)	CD276
别名 (Alternative Names)	B7H3; B7-H3; 4Ig-B7-H3; CD276
基因 ID (Gene ID)	80381.0
蛋白 ID (SwissProt ID)	Q5ZPR3.Purified recombinant fragment of human CD276 expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:500,ICC 1:50-1:500,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	57kDa

研究背景 (Background)

Costimulatory B7 molecules (e.g., B7-1, or CD80; MIM 112203) signal through CD28 (MIM 186760) family molecules such as

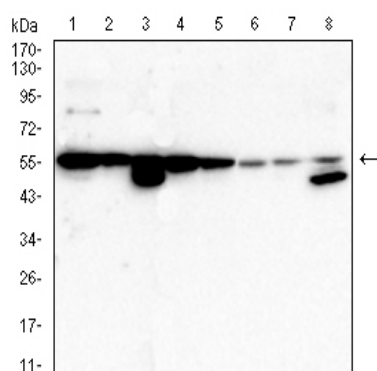
产品名称: CD276 Mouse Monoclonal Antibody
产品货号: AMM80893



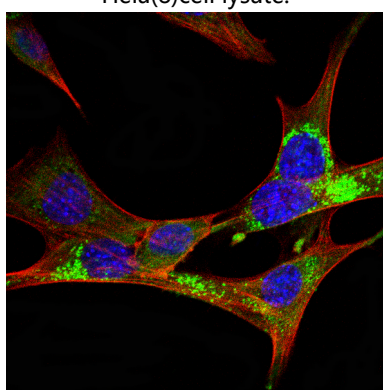
CD28, CTLA4 (MIM 123890), and ICOS (MIM 604558). May participate in the regulation of T-cell-mediated immune response. May play a protective role in tumor cells by inhibiting natural-killer mediated cell lysis as well as a role of marker for detection of neuroblastoma cells. May be involved in the development of acute and chronic transplant rejection and in the regulation of lymphocytic activity at mucosal surfaces. Could also play a key role in providing the placenta and fetus with a suitable immunological environment throughout pregnancy. Both isoform 1 and isoform 2 appear to be redundant in their ability to modulate CD4 T-cell responses. Isoform 2 is shown to enhance the induction of cytotoxic T-cells and selectively stimulates interferon gamma production in the presence of T-cell receptor signaling.

研究领域 (Research Area)

图片 (Image Data)

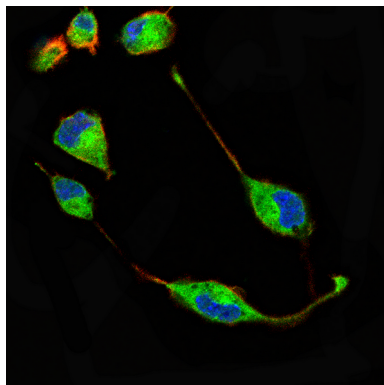


Western blot analysis using CD276 mouse mAb against NIH/3T3(1) NRK(2) C2C12(3) C6(4) L1210(5) COS7(6) CHO3D10(7) HeLa(8) cell lysate.

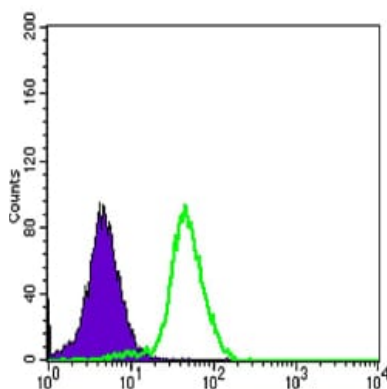


Immunofluorescence analysis of NIH/3T3 cells using CD276 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.

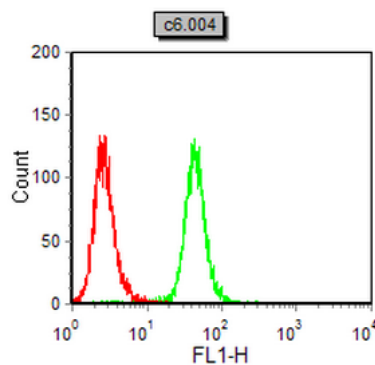
产品名称: CD276 Mouse Monoclonal Antibody
产品货号: AMM80893



Immunofluorescence analysis of RSC-96 cells using CD276 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.

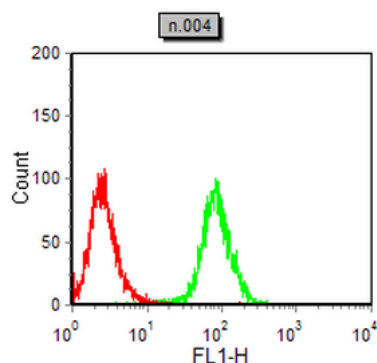


Flow cytometric analysis of PC-3 cells using CD276 mouse mAb (green) and negative control (purple).

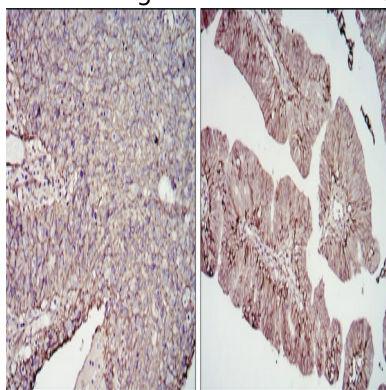


Flow cytometric analysis of C6 cells using CD276 mouse mAb (green) and negative control (red).

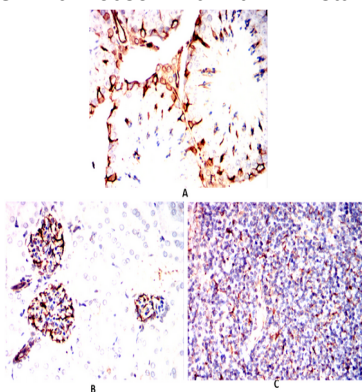
产品名称: CD276 Mouse Monoclonal Antibody
产品货号: AMM80893



Flow cytometric analysis of NIH/3T3 cells using CD276 mouse mAb (green) and negative control (red).

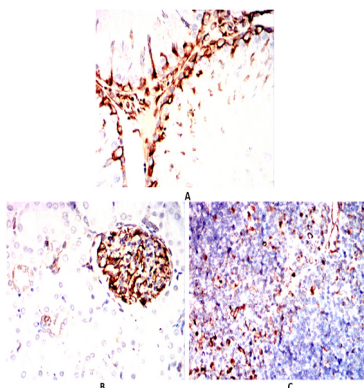


Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues (left) and ovarian cancer tissues (right) using CD276 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded Mouse testicles(A) Mouse kidney(B) Mouse thymus(C) using CD276 mouse mAb with DAB staining.

产品名称: CD276 Mouse Monoclonal Antibody
产品货号: AMM80893



Immunohistochemical analysis of paraffin-embedded Rat testicles(A)Rat kidney(B)Rat thymus(C) using CD276 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .