

产品名称: SLC2A4 Mouse Monoclonal Antibody
产品货号: AMM83016



产品概述 (Summary)

产品名称 (Production Name)	SLC2A4 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

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)	SLC2A4
别名 (Alternative Names)	GLUT4
基因 ID (Gene ID)	6517.0
蛋白 ID (SwissProt ID)	P14672.Purified recombinant fragment of human SLC2A4 (AA: 224-353) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,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)	54.8kDa

研究背景 (Background)

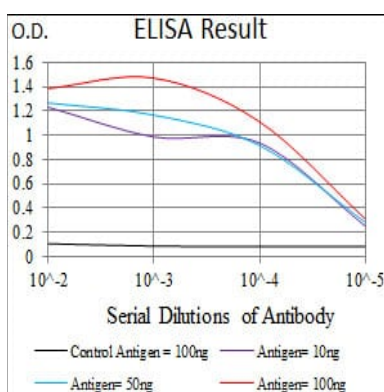
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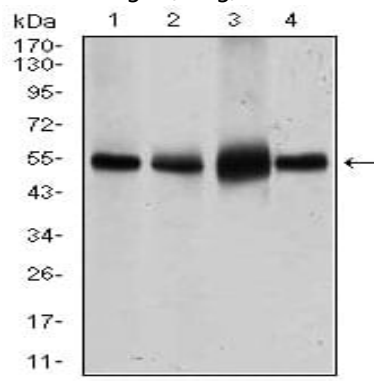
This gene is a member of the solute carrier family 2 (facilitated glucose transporter) family and encodes a protein that functions as an insulin-regulated facilitative glucose transporter. In the absence of insulin, this integral membrane protein is sequestered within the cells of muscle and adipose tissue. Within minutes of insulin stimulation, the protein moves to the cell surface and begins to transport glucose across the cell membrane. Mutations in this gene have been associated with noninsulin-dependent diabetes mellitus (NIDDM).

研究领域 (Research Area)

图片 (Image Data)

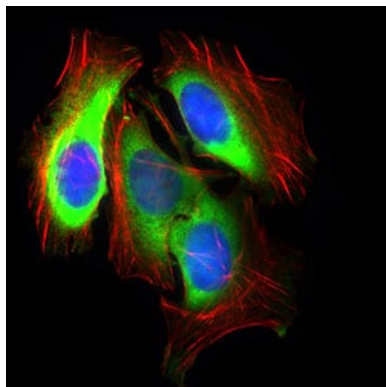


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

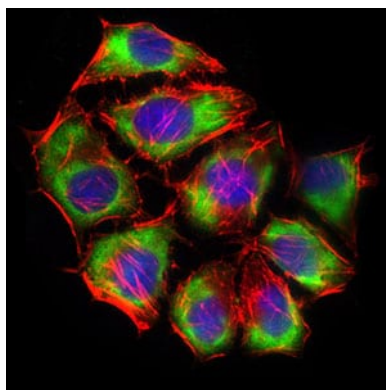


Western blot analysis using SLC2A4 mouse mAb against HeLa (1), NIH3T3 (2), 3T3-L1 (3) cell lysate and Mouse heart (4) tissue lysate.

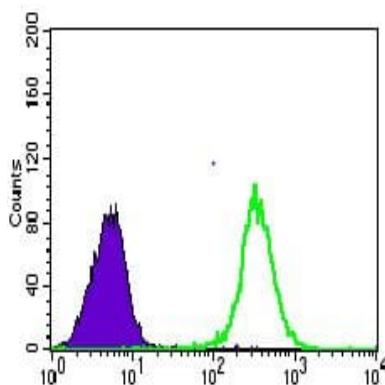
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Immunofluorescence analysis of HeLa cells using SLC2A4 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

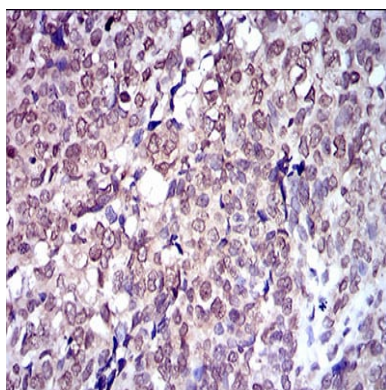


Immunofluorescence analysis of HepG2 cells using SLC2A4 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

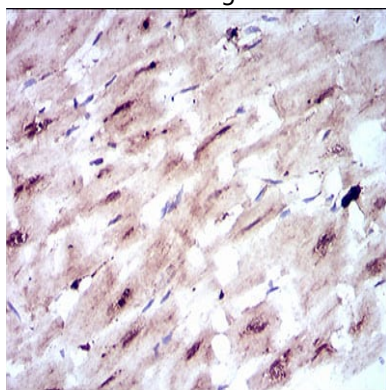


Flow cytometric analysis of HeLa cells using SLC2A4 mouse mAb (green) and negative control (purple).

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Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using SLC2A4 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human cardiac muscle tissues using SLC2A4 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .