

SLC2A4 monoclonal antibody

Catalog: MB23490

Host: Mouse

Reactivity: Human, Mouse

Background:

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).

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

54.8kDa

Swiss-Prot:

P14672

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500-1/2000 IHC:1/200 - 1/1000 IF:1/200 - 1/1000
FC:1/200 - 1/400

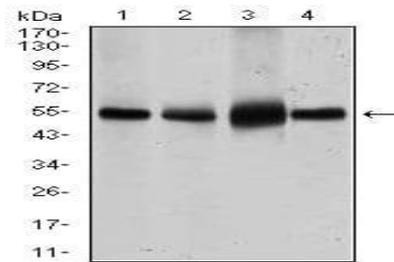
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

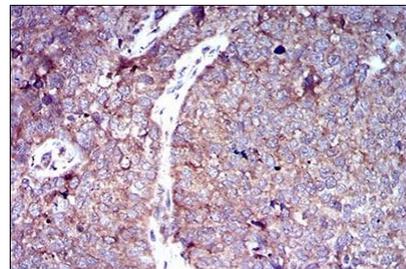
Isotype:

Mouse IgG2b

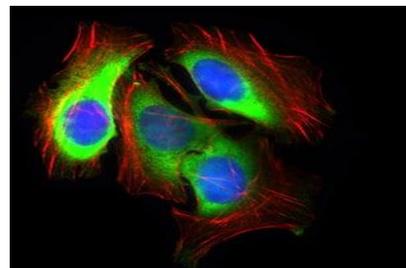
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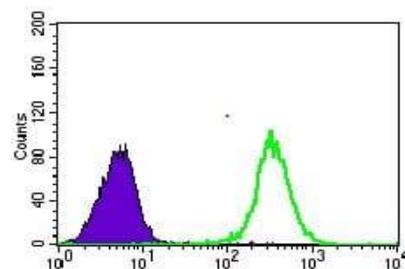
Western blot analysis using SLC2A4 mouse mAb against HeLa (1), NIH3T3 (2), 3T3-L1 (3) cell lysate and Mouse heart (4) tissue lysate.



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



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.



Flow cytometric analysis of HeLa cells using SLC2A4 mouse mAb

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PRODUCT DATA SHEET

Bioworld Technology, Inc.

(green) and negative control (purple).

For research use only, not for use in diagnostic procedure.

Note:

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