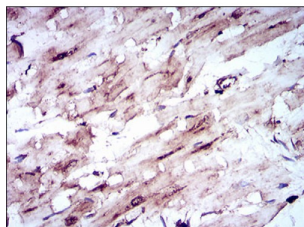
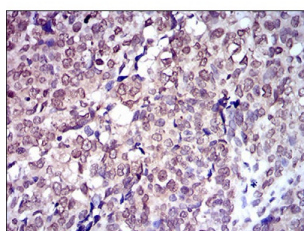


Glucose Transporter 4 / GLUT4 (SLC2A4) Antibody

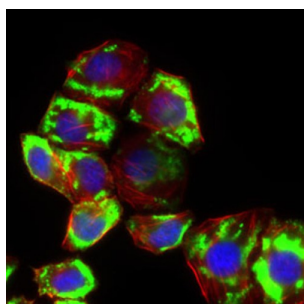
Catalogue No.: abx015991



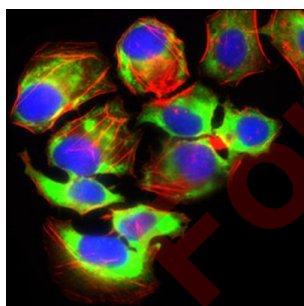
Western blot analysis using SLC2A4 antibody against human SLC2A4 recombinant protein. (Expected MW is 39.9 kDa).



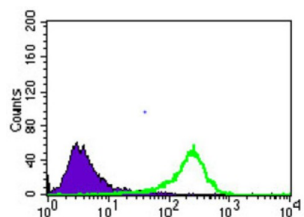
Western blot analysis using SLC2A4 antibody against HEK293 (1) and SLC2A4 (AA: 224-353)-hlgGFc transfected HEK293 (2) cell lysate.



Western blot analysis using SLC2A4 antibody against NIH3T3 (1), 3T3L1 (2), MCF-7 (4) cell lysate and Mouse heart (3) tissue lysate.



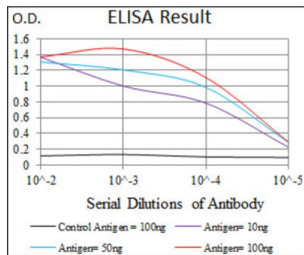
Immunofluorescence analysis of HeLa cells using SLC2A4 antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with AF555 phalloidin.



Immunofluorescence analysis of HepG2 cells using SLC2A4 antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with AF555 phalloidin.

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

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).

Target: Glucose Transporter 4 / GLUT4 (SLC2A4)

Clonality: Monoclonal

Reactivity: Human, Mouse

Tested Applications: ELISA, WB, IHC, IF/ICC, FCM

Host: Mouse

Recommended dilutions: ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, IF/ICC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Purified recombinant fragment of human SLC2A4 (AA: 224-353) expressed in E. coli.

Isotype: IgG_{2b}

Form: Liquid

Purification: Unpurified ascites.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

GeneID: [6517](#)

Molecular Weight: 54.8 kDa

Buffer: Ascitic fluid containing 0.03% sodium azide.

Datasheet

Version: 4.0.0

Revision date: 06 Mar 2025



Concentration: Not determined.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only