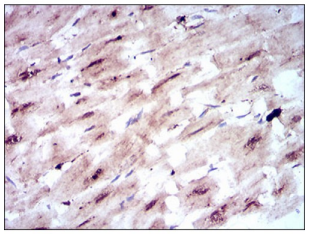
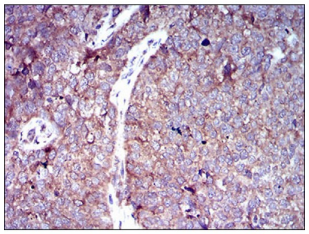
Glucose Transporter 4 / GLUT4 (SLC2A4) Antibody

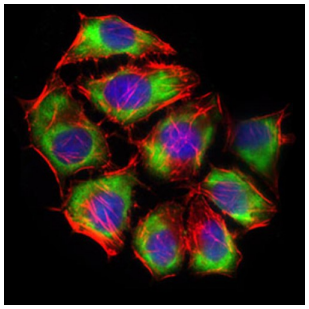
Catalogue No.:abx015992



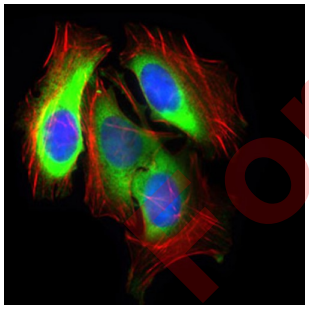
Western blot analysis using SLC2A4 antibody against human SLC2A4 recombinant protein. (Expected MW is 39.9 kDa).



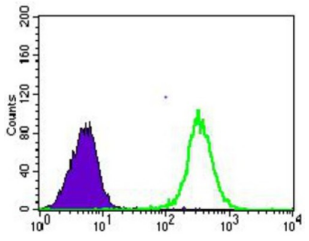
Western blot analysis using SLC2A4 antibody against HEK293 (1) and SLC2A4 (AA: 224-353) -hIgGFc transfected HEK293 (2) cell lysate.



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.



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

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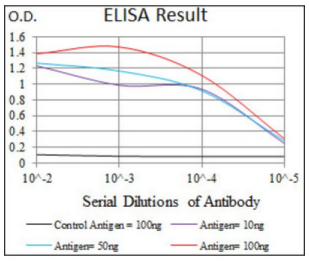

Flow cytometric analysis of HeLa cells using SLC2A4 antibody (green) and negative control (purple).

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, IHC, IF/ICC, FCM
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, 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:	Purified from ascites by Protein G chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
GeneID:	6517
Molecular Weight:	54.8 kDa
Buffer:	PBS, containing 0.05% sodium azide.

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Concentration: 1 mg/ml

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

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