

A0071

Leader in Biomolecular Solutions for Life Science



GLUT4 Mouse mAb

Catalog No.: A0071

Basic Information

Observed MW

52kDa

Calculated MW

55kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

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).

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

6517

Swiss Prot

P14672

Immunogen

Recombinant protein of human SLC2A4

Synonyms

GLUT4

Contact



www.abclonal.com

Product Information

Source

Mouse

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of various lysates using GLUT4 Mouse mAb (A0071).
Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (A5003) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.