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[Primary Antibody]

Recombinant Rabbit Anti-SLC2A4 Monoclonal Antibody

Catalog Number: SLA2740M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
GeneID:	6517
SWISS:	P14672
Target:	SLC2A4
Immunogen:	A synthesized peptide derived from human GLUT4 around the phosphorylation site of S488
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:1000-2000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Mouse,Rat
Predicted MW.:	55 kDa
Subcellular Location:	Cytoplasm
Background:	Insulin-regulated facilitative glucose transporter, which plays a key role in removal of glucose from circulation. Response to insulin is regulated by its intracellular localization: in the absence of insulin, it is efficiently retained intracellularly within storage compartments in muscle and fat cells. Upon insulin stimulation, translocates from these compartments to the cell surface where it transports glucose from the extracellular milieu into the cell.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.