BOSTER BIOLOGICAL TECHNOLOGY
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Anti-SLC2A8 Antibody (Center)

Catalog Number: M06641

About SLC2A8

Insulin-regulated facilitative glucose transporter. Binds cytochalasin B in a glucose-inhibitable manner. Seems to be a dual-specific sugar transporter as it is inhibitable by fructose (By similarity).

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Overview

Product Name	Anti-SLC2A8 Antibody (Center)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-SLC2A8 Antibody (Center) (Catalog # M06641). Tested in WB, IHC-P, Flow Cytometry application(s). This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IHC-P, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9NY64

Technical Details

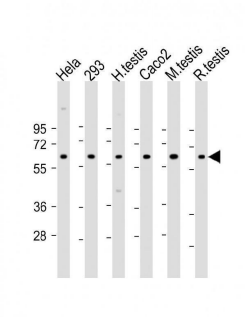
Immunogen	This SLC2A8 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 260-292 amino acids from the Central region of human SLC2A8.
Predicted Reactive Species	Bovine
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:2000

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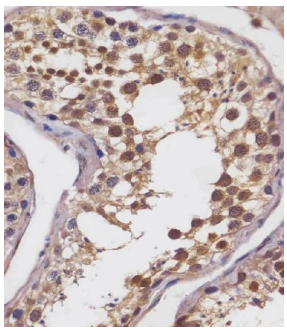
	IHC-P: 1:25 FC: 1:25

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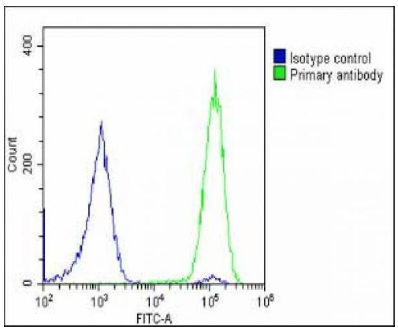
Anti-SLC2A8 Antibody (Center) (M06641) Images



All lanes : Anti-SLC2A8 Antibody (Center) at 1:2000 dilutionLane 1: Hela whole cell lysateLane 2: 293 whole cell lysateLane 3: human testis lysateLane 4: Caco2 whole cell lysateLane 5: mouse testis lysateLane 6: rat testis lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 51 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



M06641 staining SLC2A8 in human testis tissue sections by Immunohistochemistry (IHC-P -paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0. 5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



Overlay histogram showing U-2 OS cells stained with M06641 (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then icubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (M06641, 1:25 dilution) for 60 min at 37ºC. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at 37ºC. Isotype control antibody (blue line) was rabbit IgG1 (1g/1x10^6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.

For Research Use Only. Not for use in diagnostic procedures.