

ARG40273 anti-GLUT3 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes GLUT3
Tested Reactivity	Hu, Ms, Rat
Predict Reactivity	Rb
Tested Application	FACS, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GLUT3
Species	Human
Immunogen	KLH-conjugated synthetic peptide between aa. 432-463 of Human GLUT3.
Conjugation	Un-conjugated
Alternate Names	Solute carrier family 2, facilitated glucose transporter member 3; GLUT-3; Glucose transporter type 3, brain; GLUT3

Application Instructions

Application table	Application	Dilution
	FACS	1:25
	WB	1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	C6	
Observed Size	~ 50 kDa	

Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide.
Preservative	0.09% (W/V) Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

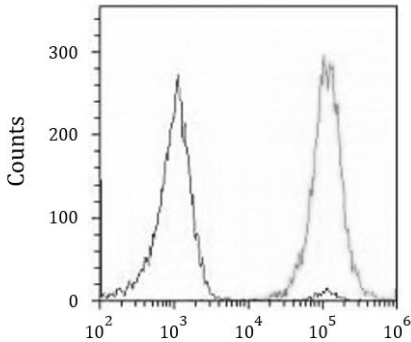
Gene Symbol	SLC2A3
Gene Full Name	solute carrier family 2 (facilitated glucose transporter), member 3
Function	Facilitative glucose transporter. Probably a neuronal glucose transporter. [UniProt]
Calculated Mw	54 kDa
Cellular Localization	Cell membrane; Multi-pass membrane protein. [UniProt]

Images



ARG40273 anti-GLUT3 antibody WB image

Western blot: 20 µg of C6 cell lysate stained with ARG40273 anti-GLUT3 antibody at 1:2000 dilution.



ARG40273 anti-GLUT3 antibody FACS image

Flow Cytometry: U-2 OS cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% BSA to block non-specific protein-protein interactions followed by ARG40273 anti-GLUT3 antibody (right histogram) at 1:25 dilution for 60 min at 37°C, followed by incubation with DyLight® 488 labelled secondary antibody. Isotype control antibody (left histogram) was Rabbit IgG1 (1 µg/10⁶ cells) used under the same conditions. Acquisition of > 10000 events was performed.