

www.immunoway.com.cn

Glut-1 (PT0861R) PT[™] Rabbit mAb

CatalogNo: YM8630 Recombinant 🕅

Key Features

Host Species Rabbit

MW • 54kD (Calculated) 50-300kD (Observed) Reactivity Human, Mouse, Rat

Isotype

IgG,Kappa

Applications • WB,IHC,IF,IP,ELISA

Recommended Dilution Ratios

IHC 1:1000-1:5000 WB 1:10000-1:50000 IF 1:200-1:1000 ELISA 1:5000-1:20000 IP 1:50-1:200

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

Basic Information

Clonality	Monoclonal
Clone Number	PT0861R

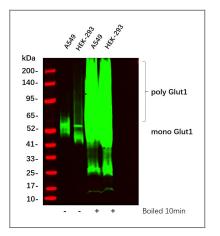
Immunogen Information

Specificity Endogenous

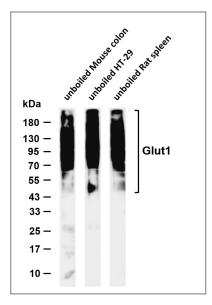
Target Information

Gene name	SLC2A1		
Protein Name	Solute carrier family 2 facilitated gl Organism	ucose transporter me Gene ID	mber 1 UniProt ID
	Human	<u>6513;</u>	<u>P11166;</u>
	Mouse	<u>20525;</u>	<u>P17809;</u>
	Rat	<u>24778;</u>	<u>P11167;</u>
Cellular Localization	Cell membrane ; Multi-pass membr . Localizes primarily at the cell surf PubMed:23219802, PubMed:25982 spectrometry in melanosome fracti	ace (PubMed:1824577 116, PubMed:2484788	36). Identified by mass
Tissue specificity	Detected in erythrocytes (at protein tissues.	n level). Expressed at	variable levels in many human
Function	isoform may be responsible for con substrate specificity; can transport hexoses.,online information:GLUT1 by ATM or ATR.,similarity:Belongs t	d blood-brain barrier of transport across the b delayed development LC2A1 are the cause of e-induced paroxysmal ed involuntary muscle cterized by attacks of novement or prolonge nic, choreoathetotic, a tic anemia.,Function:F stitutive or basal gluc a wide range of aldos entry,PTM:Phosphory of the major facilitator subfamily.,subcellula d by mass spectrome	glucose transport defect. This blood-brain barrier. It is t, and acquired of dystonia type 18 (DYT18) dystonia/dyskinesia. Dystonia is contraction, often leading to involuntary movements triggered ed exercise. In some patients and ballistic movements may be facilitative glucose transporter. This ose uptake. Has a very broad ses including both pentoses and lated upon DNA damage, probably superfamily. Sugar transporter (TC ar location:Localizes primarily at the try in melanosome fractions from

Validation Data

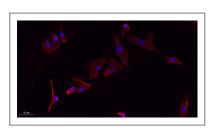


Western Blot analysis using various cell lysate, Proteins were separated by 4-20% SDS-PAGE, and the membrane was blotted with Glut1 Rabbit mAb diluted at 1:2000. Secondary :Dylight 800, Goat Anti Rabbit IgG(RS23920 1:10000)

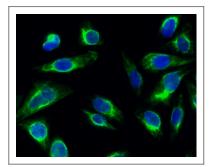


Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Glut1 antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: unboiled Mouse colon Lane 2: unboiled HT-29 Lane 3: unboiled Rat spleen Predicted band size: 54kDa Observed band size: 50-300kDa

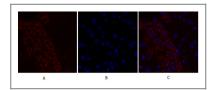
Human tonsil was stained with anti-Glut1 rabbit antibody



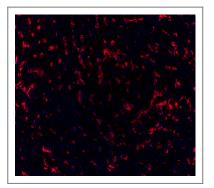
Immunofluorescence analysis of A549. 1,primary Antibody(red) was diluted at 1:200(4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 594 Secondary antibody was diluted at 1:1000(room temperature, 50min).3, DAPI(blue) 10min.



Immunofluorescence analysis of Hela cell. 1,Glut1 Monoclonal Antibody(green) was diluted at 1:200(4° overnight). 2, Goat Anti Rabbit Alexa Fluor 488 Catalog:RS3211 was diluted at 1:1000(room temperature, 50min). 3 DAPI(blue) 10min.



Immunofluorescence analysis of mouse-liver tissue. 1,Glut1 Monoclonal Antibody(red) was diluted at 1:200(4°C,overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



Immunofluorescence analysis of Human liver

Contact information

Orders:	order.cn@immunoway.com
Support:	support.cn@immunoway.com
Telephone:	400-8787-807(China)
Website:	http://www.immunoway.com.cn
Address:	2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information: Glut-1 (PT0861R) PT[™] Rabbit mAb

For Research Use Only. Not for Use in Diagnostic Procedures.

Antibody | ELISA Kits | Protein | Reagents