For Research Use Only

GLUT1 Monoclonal antibody

Catalog Number:66290-1-lg Featured Product 62 Publications



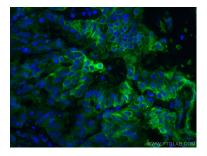
Basic Information	Catalog Number: 66290-1-lg	GenBank Accession Number: BC121804	Purification Method: Protein A purification
	Size:	GenelD (NCBI):	CloneNo.:
	150ul , Concentration: 1000 ug/ml by	6513	2A5A2
	Nanodrop;	UNIPROT ID:	Recommended Dilutions:
	Source:	P11166	WB 1:500-1:3000
	Mouse	Full Name:	IHC 1:1000-1:4000 IF-P 1:200-1:800
	lsotype: lgG1	solute carrier family 2 (facilita glucose transporter), member	
	Immunogen Catalog Number: AG17108	Calculated MW: 492 aa, 54 kDa	
		Observed MW: 45-55 kDa	
Applications	Tested Applications:	Positive Controls:	
	WB, IHC, IF/ICC, IF-P, FC (Intra), ELISA	WB:H	EK-293 cells, NIH/3T3 cells
	Cited Applications: WB, IHC, IF	IHC : h tissue	uman lung cancer tissue, human rectal cancer
	Species Specificity:	IF-P : h	uman lung cancer tissue,
	human, mouse	IF/ICC	: HeLa cells,
	Cited Species: human, mouse, rat		
	TE buffer pH 9.0; (*) Alternativ retrieval may be performed w buffer pH 6.0		
Background Information	of glucose uptake in most cell types. are the cause of GLUT1 deficiency syr reliable immunohistochemical mark distinct forms among 43 kDa to 55 kD glycosylated form of GLUT1 to less gl	Human erythrocytes express the drome type 1 and type 2. High er for juvenile hemangiomas. C a due to the different glycosyla ycosylated form has been repo	e highest level of the GLUT1. Defects in SLC24 expression of GLUT1 has been reported to be GLUT1 protein may appear as two or more ation state. And the conversion of highly rted to correlate to differentiation (PMID:
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free E: proteintech@ptglab.com in USA), or 1(312) 455-8498 (outside USA)

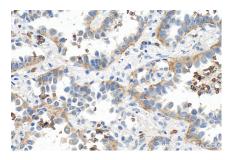
W: ptglab.com

Group brand and is not available to purchase from any other manufacturer.

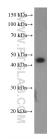
Selected Validation Data



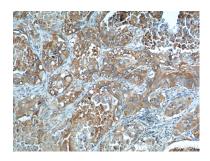
Immunofluorescent analysis of (4% PFA) fixed human lung cancer tissue using GLUT1 antibody (66290-1-1g, Clone: 2A5A2) at dilution of 1:400 and Coralite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



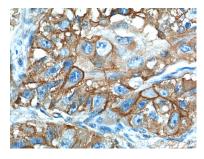
Immunohistochemical analysis of paraffinembedded human lung cancer tissue slide using 66290-1-Ig (GLUT1 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



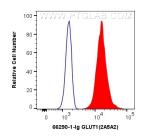
HEK-293 cells were subjected to SDS PAGE followed by western blot with 66290-1-1g (SLC2A1,GLUT1 Antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



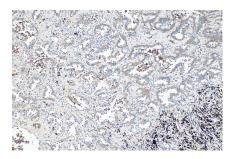
Immunohistochemical analysis of paraffinembedded human lung cancer tissue slide using 66290-1-lg (GLUT1 antibody) at dilution of 1:300 (under 10x lens).



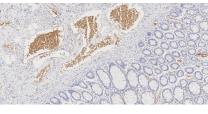
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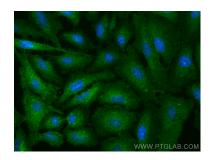
1X10^6 Jurkat cells were intracellularly stained with 0.4 ug Anti-Human GLUT 1 (66290-1-lg, Clone:2A5A2) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG1 Isotype Control (MOPC-21) (65124-1-lg, Clone: MOPC-21) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunohistochemical analysis of paraffinembedded human lung cancer tissue slide using 66290-1-1g (GLUT1 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffinembedded human rectal cancer tissue slide using 66290-1-1g (GLUT1 antibody) at dilution of 1:10000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using GLUT1 antibody (66290-1-Ig, Clone: 2A5A2) at dilution of 1:400 and Multi-rAb CoraLite ® Plus 488-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM002).