

Glucose Transporter GLUT1 Rabbit mAb

Catalog No: #48596



Package Size: #48596-1 50ul #48596-2 100ul

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Description

| | |
|-----------------------|--|
| Product Name | Glucose Transporter GLUT1 Rabbit mAb |
| Clone No. | SA0377 |
| Purification | Affinity-chromatography |
| Applications | WB, ICC/IF, IHC, FC |
| Species Reactivity | Hu, Ms, Rt |
| Immunogen Description | A synthesized peptide derived from human Glucose Transporter GLUT1 |
| Other Names | Choreoathetosis/spasticity episodic (paroxysmal choreoathetosis/spasticity) antibody CSE antibody DYT17 antibody DYT18 antibody DYT9 antibody EIG12 antibody erythrocyte/brain antibody Erythrocyte/hepatoma glucose transporter antibody facilitated glucose transporter member 1 antibody Glucose transporter 1 antibody Glucose transporter type 1 antibody Glucose transporter type 1, erythrocyte/brain antibody GLUT antibody GLUT-1 antibody GLUT1 antibody GLUT1DS antibody GLUTB antibody GT1 antibody GTG1 antibody Gtg3 antibody GTR1_HUMAN antibody HepG2 glucose transporter antibody HTLV antibody Human T cell leukemia virus (I and II) receptor antibody MGC141895 antibody MGC141896 antibody PED antibody RATGTG1 antibody Receptor for HTLV 1 and HTLV 2 antibody SLC2A1 antibody Solute carrier family 2 (facilitated glucose transporter), member 1 antibody Solute carrier family 2 antibody Solute carrier family 2, facilitated glucose transporter member 1 antibody |
| Accession No. | Swiss-Prot#:P11166 |
| Calculated MW | 54 kDa |
| Formulation | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage | Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle. |

Application Details

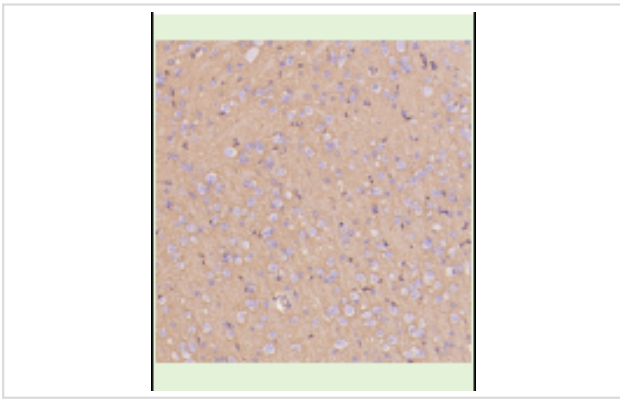
WB 1:500~1:2000

IHC 1:50~1:200

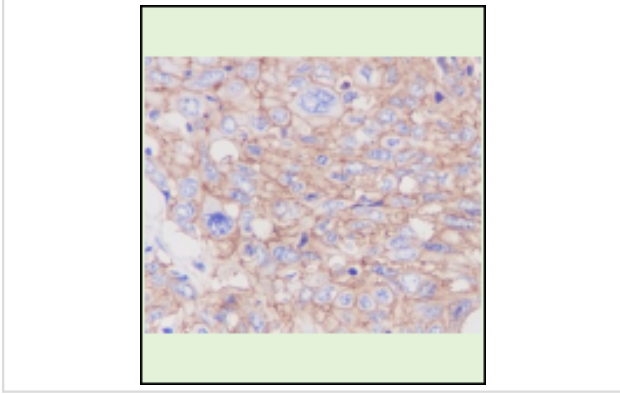
ICC/IF 1:50~1:200

FC 1:50

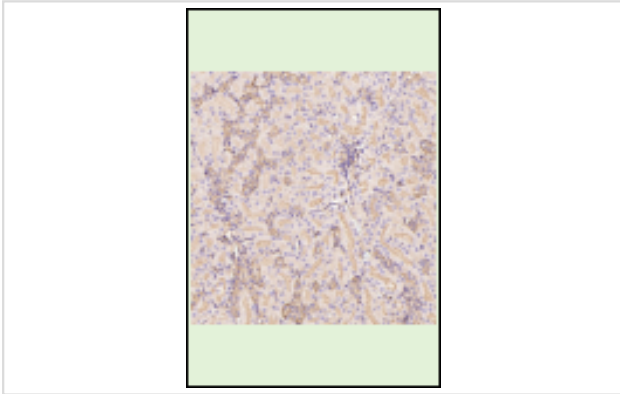
Images



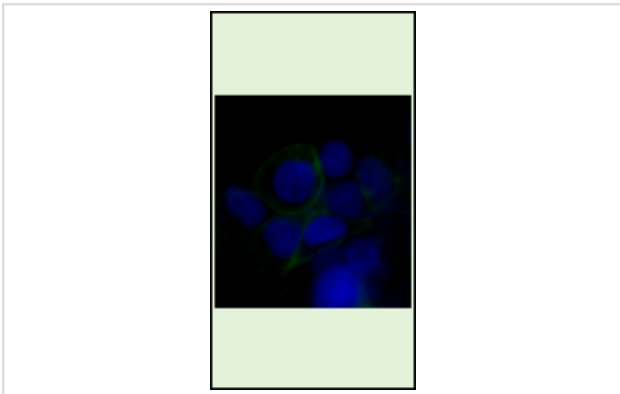
Immunohistochemical analysis of paraffin-embedded Rat hippocampus , using the Antibody at 1:300 dilution.



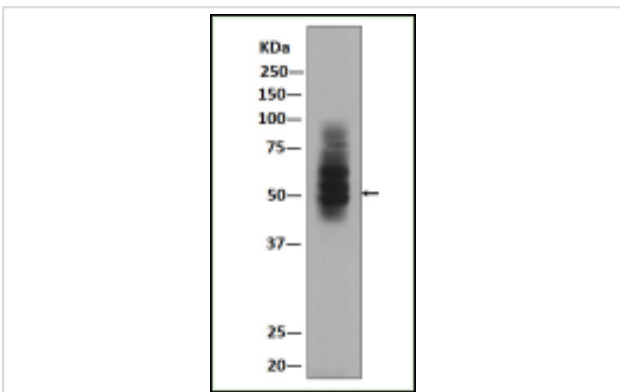
Immunohistochemical analysis of paraffin-embedded human cervix cancer, using GLUT1 Antibody.



Immunohistochemical analysis of paraffin-embedded Mouse kidney, using the Antibody at 1:300 dilution.



Immunofluorescent analysis of HepG2 cells, using GLUT1 Antibody .



Western blot analysis of GLUT1 expression in HepG2 lysate.

Background

GLUT1 an integral membrane protein that plays an important role in the glycolytic pathway by serving as a uniporter for glucose. One of 13 members of the human equilibrative glucose transport protein family. Transports a wide range of aldoses, including both pentoses and hexoses, and dehydroascorbic acid. Shown to transport water against an osmotic gradient.

References

1. Boyer-Di Ponio J et al. Instruction of circulating endothelial progenitors in vitro towards specialized blood-brain barrier and arterial phenotypes. PLoS One 9:e84179 (2014).
2. Saucillo DC et al. Leptin metabolically licenses T cells for activation to link nutrition and immunity. J Immunol 192:136-44 (2014).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.