## bsm-52240R

# [ Primary Antibody ]

# BIOSS

www.bioss.com.cn sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

# **GLUT1 Recombinant Rabbit mAb**

- DATASHEET -

Host: Rabbit Isotype: IgG
Clonality: Recombinant CloneNo.: 2D5
GeneID: 6513 SWISS: P11166

Target: GLUT1

**Immunogen:** A synthesized peptide derived from human GLUT1: 450-492.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

**Background:** This gene encodes a major glucose transporter in the mammalian

blood-brain barrier. Mutations in this gene have been found in a family with paroxysmal exertion-induced dyskinesia. [provided by

RefSeq, Jul 2008].

**Applications: WB** (1:1000-2000)

IHC-P (1:200-1000) IHC-F (1:200-1000) IF (1:200-1000)

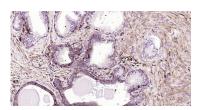
Reactivity: Human, Mouse, Rat

Predicted MW.: 54 kDa

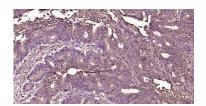
Subcellular Extracellular matrix, Cell

Location: membrane

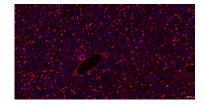
### VALIDATION IMAGES



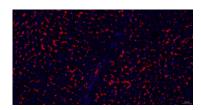
Paraformaldehyde-fixed, paraffin embedded Human Prostate; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with GLUT1 Monoclonal Antibody, Unconjugated (bsm-52240R) at 1:200 overnight at  $4^{\circ}\text{C}$ , followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with GLUT1 Monoclonal Antibody, Unconjugated (bsm-52240R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Mouse Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with GLUT1 Monoclonal Antibody, Unconjugated (bsm-52240R) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (Red, bs-0295G-BF594), DAPI (blue, C02-04002) was used to stain the cell nuclei.



Paraformaldehyde-fixed, paraffin embedded Human Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with GLUT1 Monoclonal Antibody, Unconjugated (bsm-52240R) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (Red, bs-0295G-BF594), DAPI (blue, C02-04002) was used to stain the cell

### - SELECTED CITATIONS -

- [IF=17.1] Lei Liu. et al. Myricetin Oligomer Triggers Multi-Receptor Mediated Penetration and Autophagic Restoration of Blood-Brain Barrier for Ischemic Stroke Treatment. ACS NANO. 2024;XXXX(XXX):XXX-XXX WB; Mouse. 38533773
- [IF=15.153] Shuaijun Lu. et al. Nanoengineering a Zeolitic Imidazolate Framework-8 Capable of Manipulating Energy Metabolism against Cancer Chemo-Phototherapy Resistance. SMALL. 2022 Oct;:2204926 WB; Mouse, Human. 36260824
- [IF=13.3] Yu Zhang. et al. A metabolic intervention strategy for enhanced ferroptosis/cuproptosis activation and boosted anti-tumor immunity. CHEM ENG J. 2024 Oct;:156732 | F; Mouse. 10.1016/j.cej.2024.156732
- [IF=10.6] Zhang Xiaodian. et al. A metal-organic nanoframework for efficient colorectal cancer immunotherapy by the cGAS-STING pathway activation and immune checkpoint blockade. J NANOBIOTECHNOL. 2024 Dec;22(1):1-20 WB; Mouse. 39343911