

bsm-52240R**[Primary Antibody]****Bioss**
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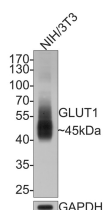
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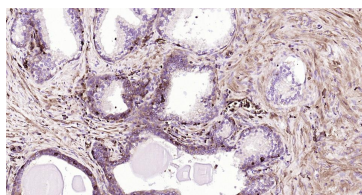
400-901-9800

GLUT1 Recombinant Rabbit mAb**— DATASHEET —**

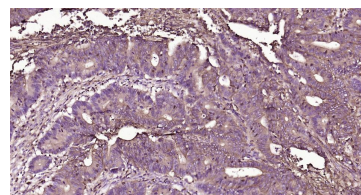
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)
Clonality: Recombinant	CloneNo.: 2D5	
GeneID: 6513	SWISS: P11166	
Target: GLUT1		
Immunogen: A synthesized peptide derived from human GLUT1: 450-492.		
Purification: affinity purified by Protein A		Reactivity: Human, Mouse, Rat Predicted MW.: 54 kDa Subcellular Location: Extracellular matrix ,Cell membrane
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].		

— VALIDATION IMAGES —

Western blot analysis of Glucose Transporter GLUT1 on NIH/3T3 cell lysates with Rabbit anti-Glucose Transporter GLUT1 antibody (bsm-52240R) at 1/500 dilution. Lysates/proteins at 10 ug/Lane. Predicted band size: 54 kDa
Observed band size: 45 kDa Exposure time: 2 minutes; 10% SDS-PAGE gel.



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°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.

— SELECTED CITATIONS —

- **[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 IF ;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