

GLUT-1
Mouse Monoclonal antibody(Mab)
Catalog # AD80133**Specification**

GLUT-1 - Product info

Application	IHC-P, IHC
Primary Accession	P11166
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	54084

GLUT-1 - Additional info

Gene ID	6513
Gene Name	SLC2A1

Other Names

Solute carrier family 2, facilitated glucose transporter member 1, Glucose transporter type 1, erythrocyte/brain, GLUT-1, HepG2 glucose transporter, SLC2A1 ([HGNC:11005](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=11005))

Dilution

IHC-P~~Ready-to-use
IHC~~Ready-to-use

Storage	This product is stored at 2-8 °C, please use it within the expiration date.
Precautions	GLUT-1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

GLUT-1 - Protein Information

Name SLC2A1 ([HGNC:11005](#))

Synonyms
Function

GLUT1

Facilitative glucose transporter. This isoform may be responsible for constitutive or basal glucose uptake. Has a very broad substrate specificity; can transport a wide range of aldoses including both pentoses and hexoses.

Cellular Location

Cell membrane; Multi-pass membrane protein. Melanosome. Note=Localizes primarily at the cell surface Identified by mass spectrometry in melanosome fractions from stage I to stage IV

Tissue Location

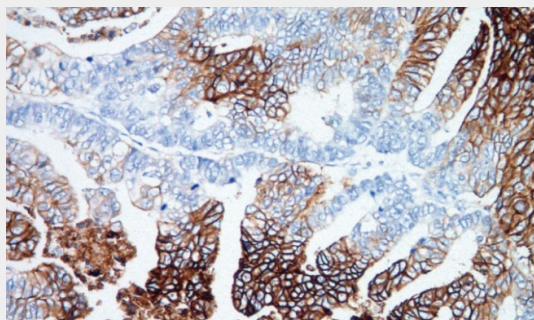
**Detected in erythrocytes (at protein level).
Expressed at variable levels in many
human tissues**

GLUT-1 - Protocols

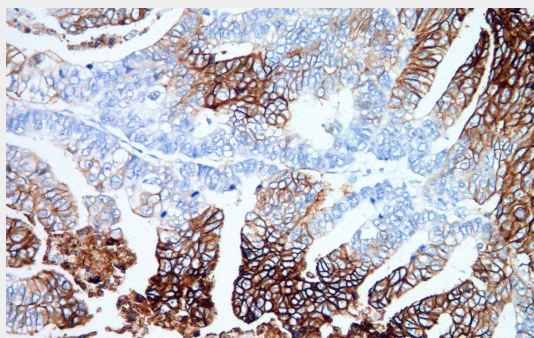
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GLUT-1 - Images



Colon cancer



Immunohistochemical analysis of paraffin-embedded colorectal carcinoma; tissue using AD80133 performed on the Abcarta® FAIP-30 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a Citrate buffer (pH6.0). Samples were incubated with primary antibody (Ready-to-use) for 15 min at room temperature. AmpSee™ Detection Systems [Abcepta:AR005] was used as the secondary antibody.