10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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)

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

Storage	**This product is stored at 2-152 °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	**GLUT1**
Function	**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**

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

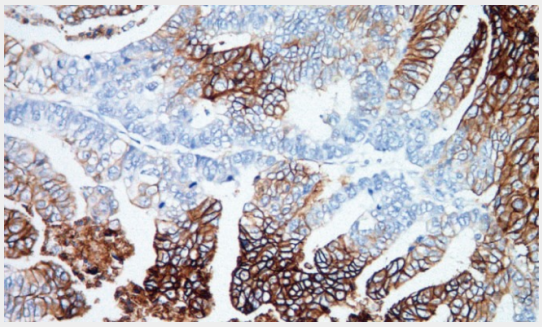
Tissue Location	**Detected in erythrocytes (at protein level). Expressed at variable levels in many human tissues**

GLUT-1 - Protocols

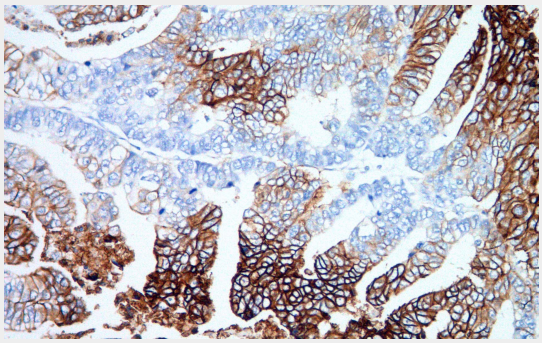
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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. AmpSeeTM Detection Systems□Abcepta:AR005□ was used as the secondary antibody.