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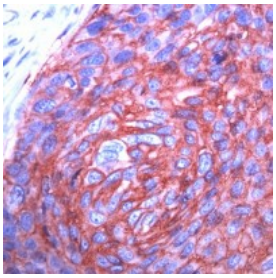
SLC2A1 Antibody [SPM498]

CATALOG NUMBER: 51-107



Immunohistochemistry staining of SLC2A1 in human esophagus tissue using SLC2A1 monoclonal Antibody.

Specifications

SPECIES REACTIVITY:	Human, Rat
TESTED APPLICATIONS:	IHC
APPLICATIONS:	SLC2A1 antibody can be used in ELISA, Western Blot, and immunohistochemistry starting at 10 ug/mL.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
IMMUNOGEN:	SLC2A1 monoclonal antibody was raised against a synthetic peptide derived from C-Terminus of human SLC2A1 (Human).
HOST SPECIES:	Mouse

Properties

PURIFICATION:	Protein G Column
PHYSICAL STATE:	Liquid
BUFFER:	10 mM PBS, pH 7.4, BSA, sodium azide.
STORAGE CONDITIONS:	Store SLC2A1 antibody at 4 ˚C or -20 ˚C. As with all antibodies avoid freeze/thaw cycles.
CLONALITY:	Monoclonal
ISOTYPE:	IgG2a,k
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	SLC2A1, EIG12, GLUT1DS, DYT17, DYT18, DYT9, Glucose transporter 1, HepG2 glucose transporter, Glucose transporter GLUT1, GLUT-1, GLUT1, PED
ACCESSION NO.:	P11166
PROTEIN GI NO.:	115502394
OFFICIAL SYMBOL:	SLC2A1
GENE ID:	6513

Background

BACKGROUND:	Glucose is fundamental to the metabolism of mammalian cells. Several glucose transporter protein (Glut) isoforms have been identified and shown to function in response to insulin and IGF-1 induced signaling. GLUT-1 is detectable in many human tissues including those of the colon, lung, stomach, esophagus, and breast. GLUT-1 immunoreactivity in some cancers, including trans carcinoma of the urinary bladder, has been associated with aggressive behavior.

FOR RESEARCH USE ONLY

December 13, 2016