

Product datasheet

anti-GLUT1 mouse monoclonal, IHC404, purified

Short overview

Cat. No.	691738
Quantity	1 ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG2a
Clone	IHC404
Immunogen	GLUT1
Formulation	Tris pH 7.3-7.7 with 1% BSA and 0.09% sodium azide
UniprotID	P11166 (Human)
Synonym	Solute carrier family 2, facilitated glucose transporter member 1, Glucose transporter type 1, erythrocyte/brain, GLUT-1, HepG2 glucose transporter, SLC2A1, GLUT1
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	IHC
Reactivity	Human

Applications

Immunohistochemistry (IHC) - paraffin	1:50-1:200 (microwave treatment recommended)
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Background

Glucose transporter type I (GLUT1), also known as SCL2A1, is a glucose transporter present in the blood-brain barrier as well as erythrocytes. GLUT1 overexpression is associated with tumor progression or poor prognoses of bladder, breast, cervical, colon, and lung carcinomas, as well as mesothelioma. Anti-GLUT1 is useful for distinguishing malignant mesothelioma (GLUT1(+)) from reactive mesothelium (GLUT1(-)).

Product images



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