

Datasheet for ABIN7119240 **anti-GLUT1 antibody**

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Overview

Quantity:	100 µg
Target:	GLUT1 (SLC2A1)
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GLUT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	solute carrier family 2(facilitated glucose transporter), member 1
Clone:	4G6
Isotype:	IgG1
Purification:	protein A+G purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	GLUT1 (SLC2A1)
Alternative Name:	GLUT1 (SLC2A1 Products)
Background:	Synonyms:DYT17, DYT18, GLUT, GLUT 1, GLUT1, HepG2 glucose transporter, PED, SLC2A1 Background:Facilitative glucose transporter. This isoform may be responsible for constitutive or

Target Details

	basal glucose uptake. Has a very broad substrate specificity, can transport a wide range of aldoses including both pentoses and hexoses.
Molecular Weight:	45 kDa
Gene ID:	6513
UniProt:	P11166
Pathways:	Sensory Perception of Sound , Dicarboxylic Acid Transport , Warburg Effect

Application Details

Application Notes:	WB: 1:200-1:2000, IHC: 1:20-1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months