

Datasheet for ABIN6943540
anti-GLUT1 antibody



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Overview

Quantity:	100 µL
Target:	GLUT1 (SLC2A1)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This GLUT1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant Human Glucose Transporter GLUT1 from 450 amino acid to C-terminus.
Clone:	2D5
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	GLUT1 (SLC2A1)
Alternative Name:	Glucose Transporter GLUT1 (SLC2A1 Products)
Background:	Synonyms: Solute carrier family 2, facilitated glucose transporter member 1, Glucose

Target Details

transporter type 1, erythrocyte/brain, HepG2 glucose transporter, GLUT-1, SLC2A1, Solute carrier family 2, facilitated glucose transporter member 1

Background: 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.

Gene ID: 6513

UniProt: [P11166](#)

Pathways: [Sensory Perception of Sound](#), [Dicarboxylic Acid Transport](#), [Warburg Effect](#)

Application Details

Application Notes: WB 1:300-5000
FCM 1:20-100
IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months