

GLUT-1 (AB2437) mouse mAb

W0176

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- WB; IF; ELISA

MW

- 54 kDa (calculated)
- 54 kDa (observed)

Isotype

- IgG

Recommended Dilution Ratios

Application

WB; IF; ELISA

Dilution

WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL.

Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality Monoclonal

Clone Number AB2437

Immunogen A synthetic peptide corresponding to the amino acid region 400 - 492 of the human GLUT - 1 protein.

Specificity This antibody detects endogenous levels of GLUT-1 protein.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name SLC2A1

Protein Name GLUT-1

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P11166	6513

Background This gene encodes a major glucose transporter in the mammalian blood-brain barrier. The encoded protein is found primarily in the cell membrane and on the cell surface, where it can also function as a receptor for human T-cell leukemia virus (HTLV) I and II. Mutations in this gene have been found in a family with paroxysmal exertion-induced dyskinesia. [provided by RefSeq, Apr 2013],