

A92023Hu01
Polyclonal Antibody to Glucose Transporter 4 (GLUT4)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES

5th Edition (Revised in January, 2013)

[PRODUCT INFORMATION]

Immunogen: GLUT4

Clonality: Polyclonal

Host: Rabbit

Species Reactivity: Human

Ig type: Rabbit IgG

Purification: Antibodies are purified by target protein affinity chromatography.

Applications: WB, ICC, IHC-P, IHC-F

Form: Liquid

Size: 50µg

[IMMUNOGEN INFORMATION]




Immunogen: Recombinant human GLUT4 (Met1~Ile163) expressed in *E. coli*.

Molecular Weight: 18.6kDa

USCN accession No.: P92023Hu01

Sequence: The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHSGSEF-MPSGFQQIGS EDGEPPQQRV TGTLVLAVFS AVLGSLQFGY
NIGVINAPQK VIEQSYNETW LGRQGPEGPS SIPPGLTTL WALSVAFSV GGMISSFLIG
IISQWLGRKR AMLVNNVLAV LGGSLMGLAN AAASYEMLIL GRFLIGAYSG LTSGLVPMYV
GEI

Unique product Superb quality Client favorite Nicest service  ISO9001:2008;  ISO13485:2003; 

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[ANTIBODY SPECIFICITY]

Anti GLUT4 is a rabbit polyclonal antibody raised against human GLUT4. This antibody has been selected for its ability to recognize human GLUT4 in immunohistochemical staining and western blotting, non cross-reactive with other members of the family.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Optimal working dilutions must be determined by end user.

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Form & Buffer: Supplied as solution form in PBS, pH 7.4, containing 0.02%Na₃N, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant human GLUT4 (Met1~Ile163) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.

5uL per well when used in enhanced chemiluminescent (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading buffer: 100mM Tris(PH 8.8), 2%SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, Na₃N 0.02%.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.