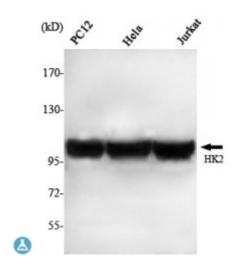


Anti-HXK II antibody



Description Mouse monoclonal to HXK II.

Model STJ98506

Host Mouse

Reactivity Human, Mouse, Rat, Swine

Applications WB

Immunogen Purified recombinant human HXK II (N-terminal) protein fragments

expressed in E.coli.

Immunogen Region N-terminal

Gene ID <u>3099</u>

Gene Symbol <u>HK2</u>

Dilution range WB 1:1000-1:2000

Specificity HXK II Monoclonal Antibody detects endogenous levels of HXK II protein.

Tissue Specificity Predominant hexokinase isozyme expressed in insulin-responsive tissues such

as skeletal muscle.

Purification Affinity purification

Note For Research Use Only (RUO).

Protein Name Hexokinase-2 Hexokinase type II HK II Muscle form hexokinase

Clonality Monoclonal

Conjugation Unconjugated

Formulation Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4,

150 mM NaCl) with 0.2% sodium azide, 50% glycerol.

Concentration 1 mg/ml

Storage Instruction Store at -20°C, and avoid repeat freeze-thaw cycles.

HGNC:4923OMIM:601125 **Database Links**

Alternative Names Hexokinase-2 Hexokinase type II HK II Muscle form hexokinase

Sequence and Domain Family The N- and C-terminal halves of this hexokinase show extensive sequence

> similarity to each other. The catalytic activity is associated with the Cterminus while regulatory function is associated with the N-terminus. Each

domain can bind a single glucose and Gluc-6-P molecule.

Mitochondrion outer membrane. Its hydrophobic N-terminal sequence may be **Cellular Localization**

involved in membrane binding.

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