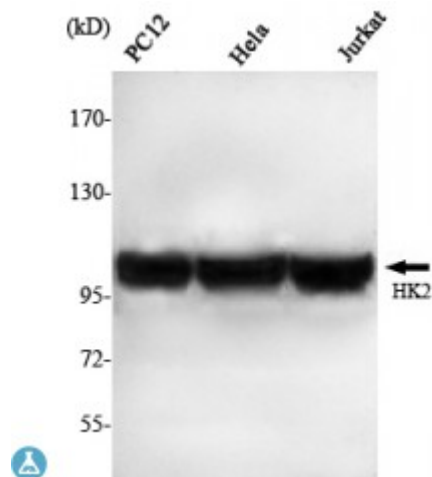


Anti-HXK II antibody



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	3099
Gene Symbol	HK2
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.
Database Links	HGNC:4923OMIM:601125
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 C-terminus while regulatory function is associated with the N-terminus. Each domain can bind a single glucose and Gluc-6-P molecule.
Cellular Localization	Mitochondrion outer membrane. Its hydrophobic N-terminal sequence may be involved in membrane binding.

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