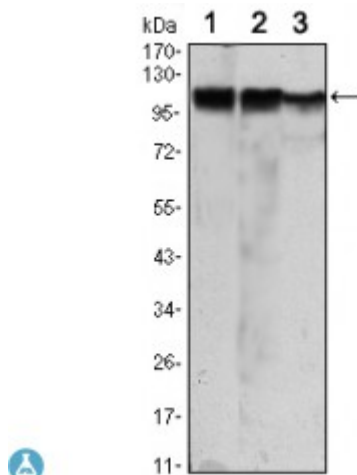


Anti-HXK II antibody



Description	Mouse monoclonal to HXK II.
Model	STJ98152
Host	Mouse
Reactivity	Human
Applications	ELISA, FC, IHC, WB
Immunogen	Purified recombinant fragment of human HXK II expressed in E. Coli.
Gene ID	3099
Gene Symbol	HK2
Dilution range	WB 1:500-1:2000IHC 1:200-1:1000FC 1:200-1:400ELISA 1:10000
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
Clone ID	3D3
Note	For Research Use Only (RUO).
Protein Name	Hexokinase-2 Hexokinase type II HK II Muscle form hexokinase
Clonality	Monoclonal
Conjugation	Unconjugated
Isotype	IgG1

Formulation	Ascitic fluid containing 0.03% sodium azide.
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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