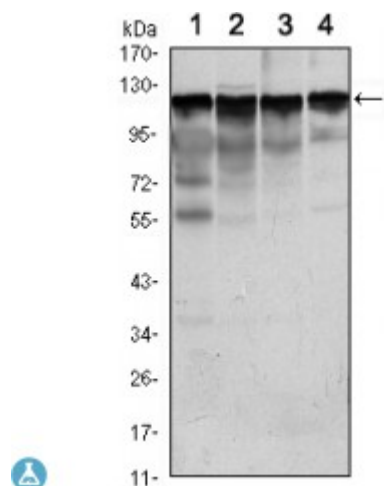


Anti-HXK I antibody



Description	Mouse monoclonal to HXK I.
Model	STJ98151
Host	Mouse
Reactivity	Human, Mouse, Rat
Applications	ELISA, FC, IF, IHC, WB
Immunogen	Purified recombinant fragment of human HXK I expressed in E. Coli.
Gene ID	3098
Gene Symbol	HK1
Dilution range	WB 1:500-1:2000IHC 1:200-1:1000IF 1:200-1:1000FC 1:200-1:400ELISA 1:10000
Specificity	HXK I Monoclonal Antibody detects endogenous levels of HXK I protein.
Tissue Specificity	Isoform 2 is erythrocyte specific. Isoform 3 and isoform 4 are testis-specific.
Purification	Affinity purification
Clone ID	3A10
Note	For Research Use Only (RUO).
Protein Name	Hexokinase-1 Brain form hexokinase Hexokinase type I HK I
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:4922OMIM:142600
Alternative Names	Hexokinase-1 Brain form hexokinase Hexokinase type I HK I
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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