
Product Name: Hexokinase II Rabbit Monoclonal Antibody**Catalog #: AMRe21571**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Concentration	0.3mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
Purification	Protein A

Application

Dilution Ratio	WB 1:1000-1:5000,IHC 1:200-1:400,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200
Molecular Weight	Calculated MW:102kD;Observed MW:102kD

Antigen Information

Gene Name	HK2
Alternative Names	HK2;Hexokinase-2;Hexokinase type II;HK II;Muscle form hexokinase
Gene ID	3099.0
SwissProt ID	P52789
Immunogen	Recombinant protein of human Hexokinase II

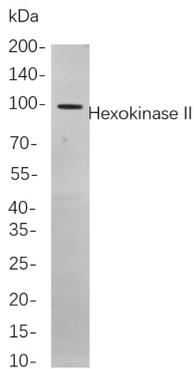
Background

Cell localization:Cytoplasm.Hexokinases phosphorylate glucose to produce glucose-6-phosphate, the first step in most glucose metabolism pathways. This gene encodes hexokinase 2, the predominant form found in skeletal muscle. It localizes to the outer membrane of mitochondria. Expression of this gene is insulin-responsive, and studies in rat suggest that it is involved in the

increased rate of glycolysis seen in rapidly growing cancer cells. [provided by RefSeq, Apr 2009],

Research Area

Image Data



Western blot analysis of lysates from HeLa cells, using Hexokinase II Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.