

Recombinant Hexokinase II Monoclonal Antibody

catalog number: AN301070L

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

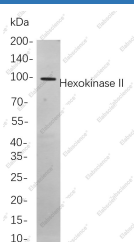
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human Hexokinase II protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110694
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

IHC	1:200-400
WB	1:1000-5000
IF	1:200-1000
ELISA	1:5000-20000
IP	1:50-200

Data



Western Blot with Recombinant Hexokinase II
Monoclonal Antibody at dilution of 1:1000 dilution. Lane
A: HeLa cells.

Observed-MW:102 kDa

Calculated-MW:102 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

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.

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