

## Recombinant Hexokinase II Monoclonal Antibody

catalog number: AN301070L

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

### Description

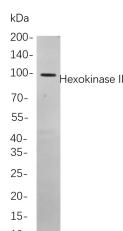
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human Hexokinase II protein
Host	Rabbit
Isotype	IgG,k
Clone	B825
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### 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.

### For Research Use Only

Toll-free: 1-888-852-8623

Web: [www.elabscience.com](http://www.elabscience.com)

Tel: 1-832-243-6086

Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017

Rev. V1.2