Recombinant Hexokinase II Monoclonal Antibody

catalog number: **E-AB-81474**

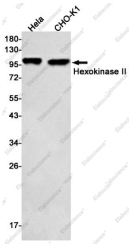
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Rat;Hamster
Immunogen	Recombinant protein of human Hexokinase II
Host	Rabbit
Isotype	Rabbit IgG
Clone	C723260
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications	Recommended Dilution
WB	1:500-1:1000
IHC	1:50-1:100

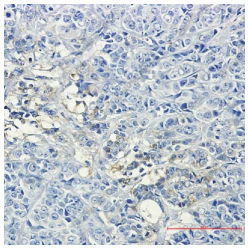
Data



Western blot detection of Hexokinase II in Hela,CHO-K1 cell lysates using Hexokinase II Rabbit mAb(1:500 diluted).Predicted band size:102kDa.Observed band size:102kDa.

Observed-MW:102 kDa

Calculated-MW:102 kDa



Immunohistochemistry of Hexokinase II in paraffin-embedded Human breast cancer tissue using Hexokinase II Rabbit mAb at dilution 1/50

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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.

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com