

Hexokinase 2 monoclonal antibody

Catalog: MB66522

Host: Mouse

Reactivity: Mouse, Rat, Monkey

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.

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

Molecular Weight:

~ 102 kDa

Swiss-Prot:

O08528/P27881

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

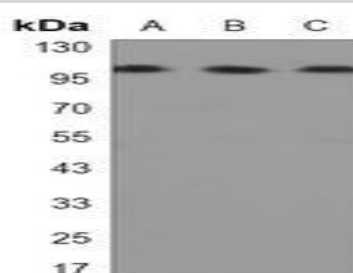
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of Hexokinase 2 protein.

DATA:



Western blot analysis of Hexokinase 2 expression in NIH3T3 (A), COS7 (B), C6 (C) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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