

Hexokinase-2 (N-term) monoclonal antibody

Catalog: MB0103

Host: Mouse

Reactivity: Human,Rat

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:

Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol

Molecular Weight:

Predicted band size:102KDa

Observed band size:102KDa

Swiss-Prot:

P52789

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:1000

FC: 1:50~100

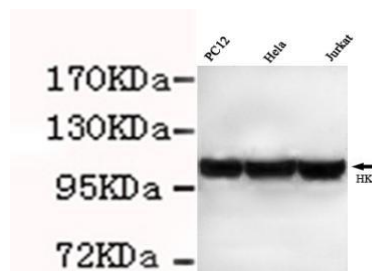
Storage&Stability:

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

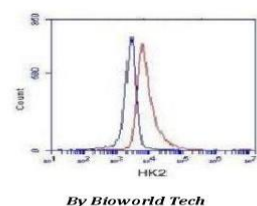
Specificity:

This antibody detects endogenous levels of Hexokinase-2 and does not cross-react with related proteins

DATA:



Western blot detection of Hexokinase-2 (N-terminus) antibody in PC12, Hela&Jurkat lysates using Hexokinase-2 (N-terminus) antibody (1:1000 diluted) .



Flow Cytometry analysis of K562 cells stained with Hexokinase-2(N-terminus) (red, 1/100 dilution), followed by FITC-conjugated goat anti-mouse IgG. Blue line histogram represents the isotype control, normal mouse IgG.

Note:

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

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