

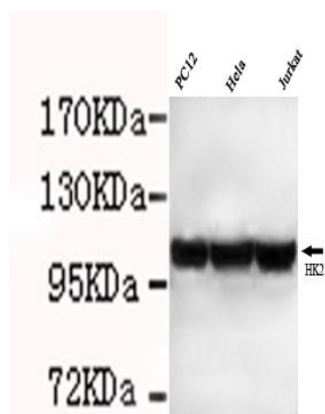


Hexokinase-2 (N-terminus) Antibody

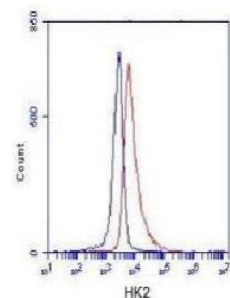
E2200569

Catalog Number: E2200569
Size: 100ug
Host: Mouse
Formulation: Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50%,glycerol
Sensitivity: This antibody detects endogenous levels Hexokinase-2(N-terminus) and does not cross-react with related proteins.
Entrez summary: 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. [provided by RefSeq, Apr 2009]
UniPort summary null
Function:
Immunogen: Purified recombinant human FYB protein fragments expressed in E.coli.
Antibody Type: Monoclonal antibody
Isotype: IgG1
Purified method: Affinity purified
Subcellular location: Mitochondrion outer membrane.
Reactivity: H,R
Applications: WB,FC
Molecular Weight: 102kDa
UniProt number: P52789
GeneBank ID: NM_000189
Gene symbol: HKII; HXK2
Alternate names: HKII; HXK2

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Western blot detection of Hexokinase-2(N-terminus) antibody in PC12, HeLa & Jurkat lysates using Hexokinase-2(N-terminus) antibody (1:1000 diluted). Predicted band size: 102KDa. Observed band size: 102KDa.



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.