

HXK I Rabbit monoclonal antibody

Catalog: BS9927M

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

Hexokinases phosphorylate glucose to produce glucose-6-phosphate, the first step in most glucose metabolism pathways. This gene encodes a ubiquitous form of hexokinase which localizes to the outer membrane of mitochondria. Mutations in this gene have been associated with hemolytic anemia due to hexokinase deficiency. Alternative splicing of this gene results in five transcript variants which encode different isoforms, some of which are tissue-specific.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 102 kDa

Swiss-Prot:

P19367

Purification&Purity:

Protein A affinity purified

Applications:

WB: 1:1000-1:2000

IHC/ICC/IF: 1:50-1:200

FC: 1:50-1:100

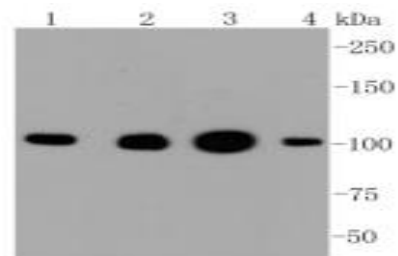
Storage&Stability:

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 HXK I and does not cross-react with related proteins.

DATA:



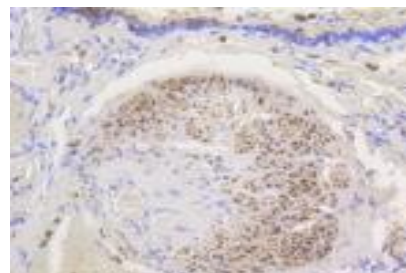
Western blot (WB) analysis of HXK I Rabbit mAb at 1:1000 dilution

Lane1:HeLa whole cell lysate

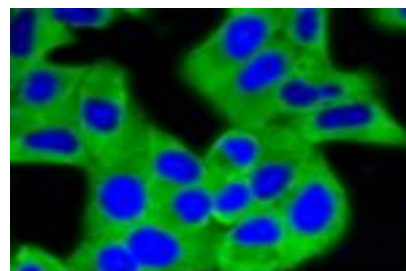
Lane2:293 whole cell lysate

Lane3:MCF7 whole cell lysate

Lane4:HepG2 whole cell lysate



Immunohistochemical analysis of paraffin-embedded human lung tissue using anti-Hexokinase 1 antibody. Counter stained with hematoxylin.



ICC staining Hexokinase 1 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton *100/PBS.

Note:

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

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