Product datasheet

Anti-Hexokinase 1/HK1 Antibody (Clone#EOF-8)

Catalog Number: *BM4369*

BOSTER
antibody and ELISA experts
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Basic Information

Product Name	Anti-Hexokinase 1/HK1 Antibody (Clone#EOF-8)
Gene Name	HK1
Source	Rabbit
Clonality	Monoclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB, IHC, ICC/IF, FCM
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.
Immunogen	A synthesized peptide derived from human Hexokinase 1
Concentration	500 ug/ml
Purification	Affinity-chromatography
Observed MW	120 kDa
Dilution Ratios	Western blot (WB): 1:500-2000 Immunohistochemistry (IHC): 1:50-200 Immunocytochemistry/Immunofluorescence (ICC/IF):1:50-200 Flow Cytometry (FCM): 1:50

Storage

12 months from date of receipt，-20℃ as supplied.

Background Information

Hexokinase-1 (HK1) is an enzyme that in humans is encoded by the HK1 gene on chromosome 10. It is mapped to 10q22.1. 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 several transcript variants which encode different isoforms, some of which are tissue-specific.

Reference

Anti-Hexokinase 1/HK1 Antibody (Clone#EOF-8)被引用在1文献中。

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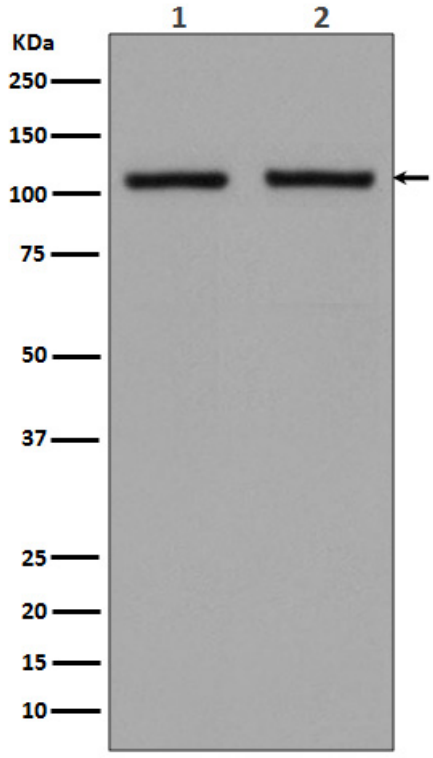
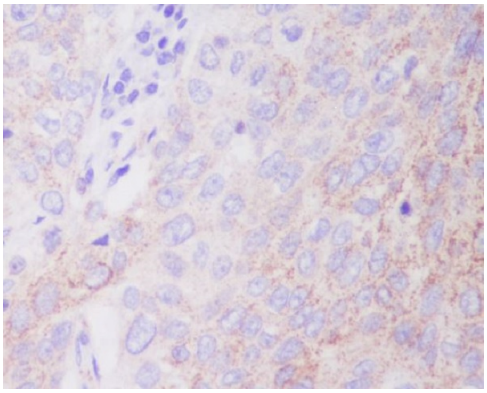
Selected Validation Data



Western blot analysis of Hexokinase 1 expression in (1) MCF-7 cell lysate; (2) 293T cell lysate.



Immunohistochemical analysis of paraffin-embedded human lung carcinoma, using Hexokinase 1 Antibody.