LSBio
LifeSpan BioSciences, Inc.

Hexokinase 1 / HK1 Mouse anti-Human Monoclonal (aa1-917) (Unconjugated) Antibody - LS-C45028 - LSBio

CatalogID:	LS-C45028
Target:	hexokinase 1 (HK1)
Synonyms:	HK1 Antibody, Brain form hexokinase Antibody, Hexokinase 1 Antibody, Hexokinase type I Antibody, HK I Antibody, HK1-tb Antibody, HK1-tc Antibody, HKI Antibody, Hexokinase type 1 Antibody, HK1-ta Antibody, HXK1 Antibody, Glycolytic enzyme Antibody, Hexokinase-1 Antibody, Type 1 hexokinase Antibody, Type i hexokinase Antibody
Family / Subfamily:	Non-protein Kinase / Hexokinase
Host	HK1 antibody was produced in Mouse
Clonality:	Monoclonal
Isotype:	IgG2a
Modifications:	Unconjugated (Unconjugated)
Immunogen Species:	Hexokinase 1 / HK1 antibody was raised against Human
Immunogen:	Hexokinase 1 / HK1 antibody was raised against recombinant human hexokinase 1 (1-917aa) purified from E. coli.
Specificity:	Recognizes Hexokinase 1, a 102kD major allosteric enzyme of the glycolytic pathway, which catalyses the phosphorylation of glucose to form glucose-6-phosphate (Glc-6-P). Hexokinase 1 is the first of four distinct mammalian hexokinase isozymes (hexokinase type I to IV), which is expressed in the outer membrane of mitochondria and is regulated (inhibited) by its product Glc-6-P. A deficiency in hexokinase 1 is implicated in the rare hereditary autosomal recessive disease known as nonspherocytic hemolytic anemia.
Epitope:	aa1-917
Reactivity:	Human
Purification:	Protein G Column
Presentation:	PBS, pH 7.4, 0.09% sodium azide.
Recommended Storage:	+4°C or -20°C, Avoid repeated freezing and thawing.
Usage Summary:	Western Blot: LS-C45028 detects a band of approximately 102kD in HepG2 cell lysates.
Uses:	Western blot (1:1000 - 1:2000), ELISA (Optimal dilution to be determined by the researcher)
Size:	100 µg
Concentration:	1 mg/ml
Requested From:	United States

Laboratory Reagent For In Vitro Research Use Only
Not for resale without prior written consent from LifeSpan BioSciences, Inc.
Created on 5/22/2013

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