
Product Name: Hexokinase I (6B8) Mouse Monoclonal Antibody**Catalog #: AMM03653**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000
Molecular Weight	Calculated MW: 102 kDa; Observed MW: 102 kDa

Antigen Information

Gene Name	HK1
Alternative Names	HK1; Hexokinase-1; Brain form hexokinase; Hexokinase type I; HK I
Gene ID	3098
SwissProt ID	P19367
Immunogen	A synthetic peptide of human Hexokinase 1

Background

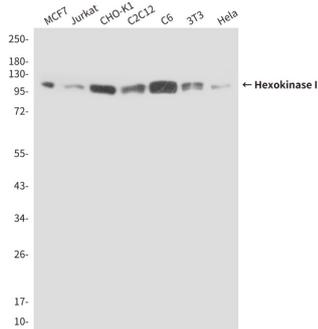
Hexokinases I, II, and III are associated with the outer mitochondrial membrane and are critical for maintaining an elevated rate of aerobic glycolysis in cancer cells (Warburg Effect) in order to compensate for the increased energy demands associated with

rapid cell growth and proliferation.

Research Area

Cardiovascular

Image Data



Western blot analysis of Hexokinase 1 in MCF-7, Jurkat, CHO-K1, C2C12, C6, 3T3 and HeLa lysates using Hexokinase 1 antibody.