

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

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## Summary

<b>Production Name</b>	Hexokinase I (6B8) Mouse Monoclonal Antibody
<b>Description</b>	Primary antibody
<b>Host</b>	Mouse
<b>Application</b>	WB
<b>Reactivity</b>	Human, Mouse, Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	HK1
<b>Alternative Names</b>	HK1; Hexokinase-1; Brain form hexokinase; Hexokinase type I; HK I
<b>Gene ID</b>	3098
<b>SwissProt ID</b>	P19367

## Application

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

## Background

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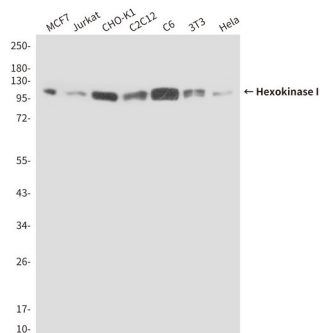


Hexokinases I, II, and III are associated with the outer mitochondrial membrane and are critical for maintaining an elevated rate of aerobic glycolysis in cancer cells (Warburg Effect) in order to compensate for the increased energy demands associated with rapid cell growth and proliferation.

## 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.

## Note

For research use only.