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**Product Name: AK1 Mouse Monoclonal Antibody****Catalog #: AMM86087**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:2000
<b>Molecular Weight</b>	21.6kDa

**Antigen Information**

<b>Gene Name</b>	AK1 Adenylate kinase isoenzyme 1 {ECO:0000255 HAMAP-Rule:MF_03171}, AK 1 {ECO:0000255 HAMAP-Rule:MF_03171}, 2.7.4.3 {ECO:0000255 HAMAP-Rule:MF_03171}, 2.7.4.6 {ECO:0000255 HAMAP-Rule:MF_03171}, ATP-AMP transphosphorylase 1 {ECO:0000255 HAMAP-Rule:MF_03171},
<b>Alternative Names</b>	HAMAP-Rule:MF_03171}, ATP:AMP phosphotransferase {ECO:0000255 HAMAP-Rule:MF_03171}, Adenylate monophosphate kinase {ECO:0000255 HAMAP-Rule:MF_03171}, Myokinase {ECO:0000255 HAMAP-Rule:MF_03171}, AK1 {ECO:0000255 HAMAP-Rule:MF_03171}
<b>Gene ID</b>	203.0
<b>SwissProt ID</b>	P00568

## Immunogen

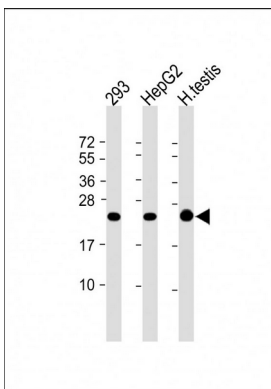
This AK1 antibody is generated from a mouse immunized with a recombinant protein between 1-193 amino acids from human AK1.

## Background

Catalyzes the reversible transfer of the terminal phosphate group between ATP and AMP. Also displays broad nucleoside diphosphate kinase activity. Plays an important role in cellular energy homeostasis and in adenine nucleotide metabolism.

## Research Area

## Image Data



All lanes : Anti-AK1 Antibody (C-term) at 1:4000 dilution