

**Product Name: Aldose Reductase (4G9) Mouse  
Monoclonal Antibody  
Catalog #: AMM03664**

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## Summary

<b>Production Name</b>	Aldose Reductase (4G9) Mouse Monoclonal Antibody
<b>Description</b>	Mouse Monoclonal 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
<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 Purification

## Immunogen

<b>Gene Name</b>	AKR1B1
<b>Alternative Names</b>	AR; ADR; ALR2; ALDR1
<b>Gene ID</b>	231
<b>SwissProt ID</b>	P15121.

## Application

<b>Dilution Ratio</b>	WB: 1:500-1:1000
<b>Molecular Weight</b>	Calculated MW: 36 kDa; Observed MW: 36 kDa

## Background

Catalyzes the NADPH-dependent reduction of a wide variety of carbonyl-containing compounds to their corresponding

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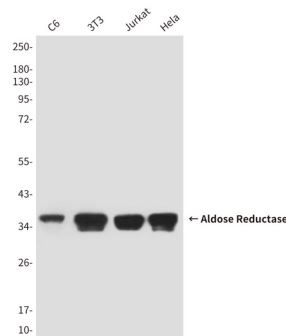
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alcohols with a broad range of catalytic efficiencies.

## Research Area

Signal Transduction

## Image Data



Western blot analysis of AKR1B1 in C6, 3T3, Jurkat and HeLa lysates using AKR1B1 antibody.

## Note

For research use only.