
Product Name: Aldose Reductase Mouse Monoclonal Antibody**Catalog #: AMM85055**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse 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	Purified antibody in PBS with 0.05% sodium azide,0.5%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

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

Antigen Information

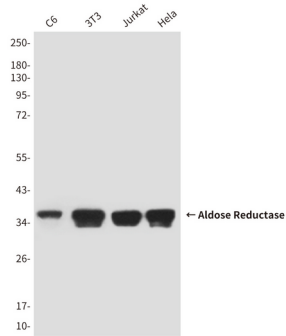
Gene Name	Aldose Reductase
Alternative Names	AR; ADR; ALR2; ALDR1
Gene ID	231.0
SwissProt ID	P15121
Immunogen	Purified recombinant human AKR1B1 protein fragments expressed in E.coli.

Background

Catalyzes the NADPH-dependent reduction of a wide variety of carbonyl-containing compounds to their corresponding alcohols with a broad range of catalytic efficiencies.

Research Area

Image Data



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