

## ARG54099 anti-AKR1B1 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody recognizes AKR1B1
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Target Name	AKR1B1
Species	Human
Immunogen	Purified recombinant human AKR1B1 protein fragments expressed in E.coli.
Conjugation	Un-conjugated
Alternate Names	Aldo-keto reductase family 1 member B1; Aldose reductase; ALR2; ALDR1; AR; Aldehyde reductase; EC 1.1.1.21; ADR

### Application Instructions

Application table	Application	Dilution
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	36 kDa	

### Properties

Form	Liquid
Purification	Affinity purified
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 50% Glycerol
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Concentration	4.2 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

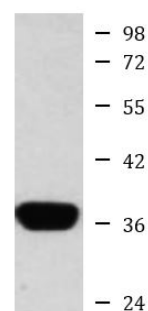
## Bioinformation

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Database links	<a href="#">GeneID: 231 Human</a> <a href="#">GeneID: 24192 Rat</a> <a href="#">Swiss-port # P07943 Rat</a> <a href="#">Swiss-port # P15121 Human</a>
Gene Symbol	AKR1B1
Gene Full Name	aldo-keto reductase family 1, member B1 (aldose reductase)
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.
Function	Catalyzes the NADPH-dependent reduction of a wide variety of carbonyl-containing compounds to their corresponding alcohols with a broad range of catalytic efficiencies. [UniProt]
Research Area	Metabolism antibody; Signaling Transduction antibody
Calculated Mw	36 kDa
Cellular Localization	Cytoplasm.

## Images

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Jurkat

ARG54099 anti-AKR1B1 antibody WB image

Western blot: Jurkat cell lysate stained with ARG54099 anti-AKR1B1 antibody at 1:1000 dilution.