

For Research Use Only

# GALM Recombinant monoclonal antibody

Catalog Number: 86369-1-RR



## Basic Information

Catalog Number:	86369-1-RR	GenBank Accession Number:	BC019263	Purification Method:	Protein A purification
Source:	Rabbit	GeneID (NCBI):	130589	CloneNo.:	251049A8
Isotype:	IgG	UNIPROT ID:	Q96C23	Recommended Dilutions:	WB: 1:2000-1:10000
Immunogen Catalog Number:	AG8842	Full Name:	galactose mutarotase (aldose 1-epimerase)		
		Calculated MW:	342 aa, 38 kDa		
		Observed MW:	38 kDa		

## Applications

Tested Applications:	WB, ELISA	Positive Controls:
Species Specificity:	human, mouse, rat	WB: HeLa cells, HepG2 cells, SK-N-SH cells, SH-SY5Y cells, mouse kidney tissue, rat kidney tissue

## Background Information

GALM, also named as Aldose 1-epimerase, belongs to the aldose epimerase family. GALM is a mutarotase that catalyzes the interconversion of beta-D-galactose and alpha-D-galactose during galactose metabolism. GALM is involved in the maintenance of the equilibrium between the beta- and alpha-anomers of galactose, therefore ensuring a sufficient supply of the alpha-anomer for GALK1. GALM is also active on D-glucose, but its preference for galactose is higher than that of glucose. The calculated molecular weight of GALM is 38 kDa.

## Storage

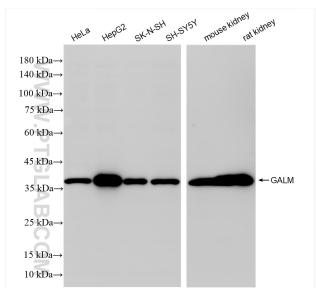
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

For technical support and original validation data for this product please contact:  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86369-1-RR (GALK antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.