

For Research Use Only

# GALM Recombinant monoclonal antibody, PBS Only

Catalog Number: 86369-1-PBS



## Basic Information

Catalog Number:	86369-1-PBS	GenBank Accession Number:	BC019263	Purification Method:	Protein A purification
Size:	1000ug, Concentration: 1 mg/ml by Nanodrop;	GenelD (NCBI):	130589	CloneNo.:	251049A8
Source:	Rabbit	UNIPROT ID:	Q96C23	Full Name:	galactose mutarotase (aldose 1-epimerase)
Isotype:	IgG	Calculated MW:	342 aa, 38 kDa	Observed MW:	38 kDa
Immunogen Catalog Number:	AG8842				

## Applications

### Tested Applications:

WB, Indirect ELISA

### Species Specificity:

human, mouse, rat

## 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 -80°C.

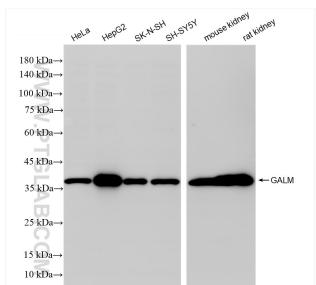
### Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86369-1-RR (GALM antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86369-1-PBS in a different storage buffer formulation.