

For Research Use Only

GALM Recombinant monoclonal antibody, PBS Only

Catalog Number: 86369-1-PBS



Basic Information

Catalog Number:

86369-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8842

GenBank Accession Number:

BC019263

GeneID (NCBI):

130589

UNIPROT ID:

Q96C23

Full Name:

galactose mutarotase (aldose 1-epimerase)

Calculated MW:

342 aa, 38 kDa

Observed MW:

38 kDa

Purification Method:

Protein A purification

CloneNo.:

251049A8

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

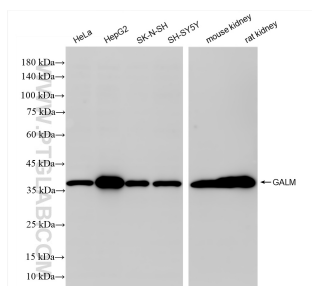
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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 (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.