

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: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 130589	CloneNo.: 251049A8
Source: Rabbit	UNIPROT ID: Q96C23	
Isotype: IgG	Full Name: galactose mutarotase (aldose 1-epimerase)	
Immunogen Catalog Number: AG8842	Calculated MW: 342 aa, 38 kDa	
	Observed MW: 38 kDa	

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

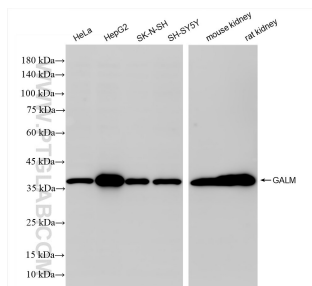
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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.