

For Research Use Only

SORD Monoclonal antibody, PBS Only



Catalog Number: 67625-1-PBS

Basic Information

Catalog Number: 67625-1-PBS	GenBank Accession Number: BC021085	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 6652	CloneNo.: 4A8E1
Source: Mouse	UNIPROT ID: Q00796	
Isotype: IgG2b	Full Name: sorbitol dehydrogenase	
Immunogen Catalog Number: AG8651	Calculated MW: 357 aa, 38 kDa	
	Observed MW: 38 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human, rat, mouse

Background Information

SORD (Sorbitol dehydrogenase) is also named as L-iditol 2-dehydrogenase and belongs to the zinc-containing alcohol dehydrogenase family. It catalyzes the interconversion of polyols and their corresponding ketoses, and together with aldose reductase, makes up the sorbitol pathway that is believed to play an important role in the development of diabetic complications. This protein can form a homotetramer (PMID:12962626). Measurement of SORD is a specific indicator of liver cell damage and parenchymal.

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

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

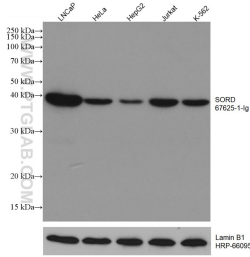
T: 4006900926

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 67625-1-Ig (SORD antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Lamin B1 Monoclonal antibody (HRP-66095) as loading control. This data was developed using the same antibody clone with 67625-1-PBS in a different storage buffer formulation.