

For Research Use Only

# SORD Monoclonal antibody, PBS Only



Catalog Number: 67625-1-PBS

## Basic Information

<b>Catalog Number:</b> 67625-1-PBS	<b>GenBank Accession Number:</b> BC021085	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6652	<b>CloneNo.:</b> 4A8E1
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q00796	
<b>Isotype:</b> IgG2b	<b>Full Name:</b> sorbitol dehydrogenase	
<b>Immunogen Catalog Number:</b> AG8651	<b>Calculated MW:</b> 357 aa, 38 kDa	
	<b>Observed MW:</b> 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.

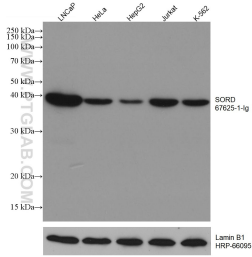
## Storage

**Storage:**  
Store at -80°C.  
**Storage Buffer:**  
PBS only

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 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.