

For Research Use Only

# PLDN Monoclonal antibody

Catalog Number: 66558-1-Ig



## Basic Information

<b>Catalog Number:</b> 66558-1-Ig	<b>GenBank Accession Number:</b> BC004819	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 1200 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 26258	<b>CloneNo.:</b> 4F4C11
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9UL45	<b>Recommended Dilutions:</b> WB 1:500-1:3000
<b>Isotype:</b> IgG1	<b>Full Name:</b> pallidin homolog (mouse)	
<b>Immunogen Catalog Number:</b> AG18095	<b>Calculated MW:</b> 23-24 kDa	
	<b>Observed MW:</b> 26 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, MCF-7 cells, HEK-293 cells, Jurkat cells, ROS1728 cells, RAW 264.7 cells, NIH/3T3 cells
<b>Species Specificity:</b> Human, Mouse, Rat	

## Background Information

Pallidin, also named as PLDN and PA, is involved in the development of lysosome-related organelles, such as melanosomes and platelet-dense granules. It may play a role in intracellular vesicle trafficking, particularly in the vesicle-docking and fusion process. Pallidin interacts with syntaxin-12 which is a t-SNARE protein that mediates vesicle docking and fusion.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

**\*\*\* 20ul sizes contain 0.1% BSA**

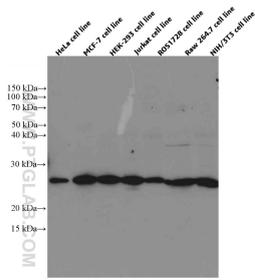
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66558-1-Ig (PLDN antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.