

PLDN Monoclonal antibody

Catalog Number: 66558-1-Ig

Basic Information

Catalog Number:

66558-1-Ig

Size:

1200 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG18095

GenBank Accession Number:

BC004819

GeneID (NCBI):

26258

UNIPROT ID:

Q9UL45

Full Name:

pallidin homolog (mouse)

Calculated MW:

23~24 kDa

Observed MW:

26 kDa

Purification Method:

Protein A purification

CloneNo.:

4F4C11

Recommended Dilutions:

WB 1:500-1:3000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, Mouse, Rat

Positive Controls:

WB : HeLa cells, MCF-7 cells, HEK-293 cells, Jurkat cells, ROS1728 cells, RAW 264.7 cells, NIH/3T3 cells

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:

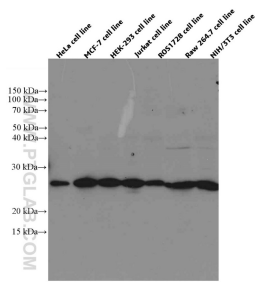
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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.