

For Research Use Only

PLCD1 Monoclonal antibody

Catalog Number: 67064-1-Ig



Basic Information

Catalog Number:

67064-1-Ig

GenBank Accession Number:

BC050382

Purification Method:

Protein G purification

Size:

150ul, Concentration: 1600 ug/ml by
Nanodrop and 1000 ug/ml by Bradford
method using BSA as the standard;

GeneID (NCBI):

5333

CloneNo.:

1D10B11

Source:

Mouse

UNIPROT ID:

P51178

Recommended Dilutions:

WB: 1:1000-1:6000

IHC: 1:150-1:600

FC (Intra): 0.20 ug per 10⁶ cells in a
100 µl suspension

Isotype:

IgG1

Full Name:

phospholipase C, delta 1

Calculated MW:

86 kDa

Immunogen Catalog Number:

AG5567

Observed MW:

85 kDa

Applications

Tested Applications:

WB, IHC, FC (Intra), ELISA

Positive Controls:

WB : human testis tissue, K-562 cells

Species Specificity:

human

IHC : human testis tissue,

FC (Intra) : K-562 cells,

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

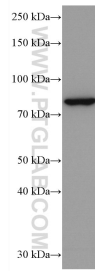
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
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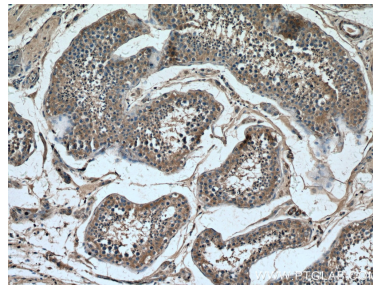
E: proteintech@ptglab.com
W: ptglab.com

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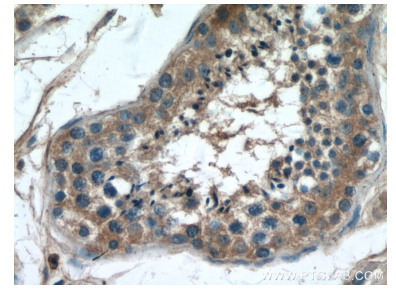
Selected Validation Data



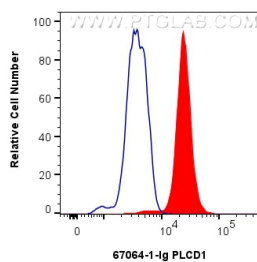
human testis tissue were subjected to SDS PAGE followed by western blot with 67064-1-Ig (PLCD1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 67064-1-Ig (PLCD1 antibody) at dilution of 1:300 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 67064-1-Ig (PLCD1 antibody) at dilution of 1:300 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1x10⁶ K-562 cells were intracellularly stained with 0.2 ug PLCD1 Monoclonal antibody (67064-1-Ig, Clone:1D10B11) and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1)(red), or 0.2 ug Mouse IgG1 isotype control Mouse McAb (66360-1-Ig, Clone: 1F8D3) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).