

For Research Use Only

PDS5A Monoclonal antibody

Catalog Number: 67520-1-Ig

Featured Product



Basic Information

Catalog Number:

67520-1-Ig

Size:

150ul , Concentration: 1400 ug/ml by Nanodrop and 680 ug/ml by Bradford method using BSA as the standard;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG11525

GenBank Accession Number:

BC009650

GeneID (NCBI):

23244

UNIPROT ID:

Q29RF7

Full Name:

PDS5, regulator of cohesion maintenance, homolog A (S. cerevisiae)

Calculated MW:

1297 aa, 147 kDa

Observed MW:

130 kDa

Purification Method:

Protein G purification

CloneNo.:

1C8D4

Recommended Dilutions:

WB 1:1000-1:8000

IHC 1:200-1:800

IF/ICC 1:500-1:2000

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Species Specificity:

human, mouse, rat

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

Positive Controls:

WB : HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells

IHC : human breast cancer tissue,

IF/ICC : A431 cells, HepG2 cells

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:

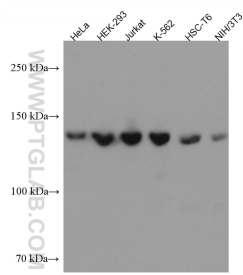
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

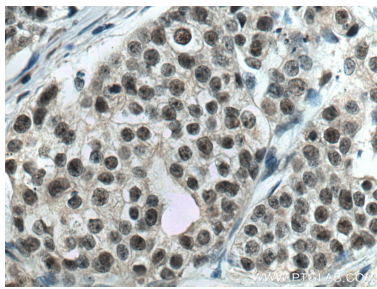
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

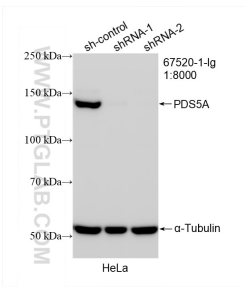
Selected Validation Data



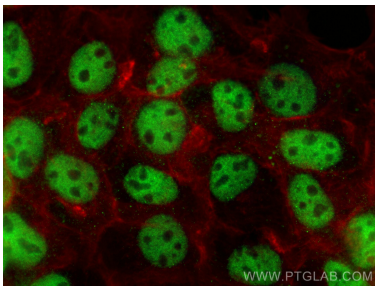
Various lysates were subjected to SDS PAGE followed by western blot with 67520-1-Ig (PDS5A antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67520-1-Ig (PDS5A antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of PDS5A antibody (67520-1-Ig; 1:8000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PDS5A transfected HeLa cells.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using PDS5A antibody (67520-1-Ig, Clone: 1C8D4) at dilution of 1:1000 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1), CL594-Phalloidin (red).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using PDS5A antibody (67520-1-Ig, Clone: 1C8D4) at dilution of 1:1000 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1), CL594-Phalloidin (red).