

For Research Use Only

PDS5A Monoclonal antibody

Catalog Number: 67520-1-Ig **Featured Product**



Basic Information

Catalog Number: 67520-1-Ig	GenBank Accession Number: BC009650	Purification Method: Protein G purification
Size: 1400 ug/ml	GeneID (NCBI): 23244	CloneNo.: 1C8D4
Source: Mouse	UNIPROT ID: Q29RF7	Recommended Dilutions: WB 1:1000-1:8000 IHC 1:200-1:800 IF/ICC 1:500-1:2000
Isotype: IgG1	Full Name: PDS5, regulator of cohesion maintenance, homolog A (S. cerevisiae)	
Immunogen Catalog Number: AG11525	Calculated MW: 1297 aa, 147 kDa	
	Observed MW: 130 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB: HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells
Note-IHC: <i>suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</i>	IHC: human breast cancer tissue,
	IF/ICC: A431 cells, HepG2 cells

Background Information

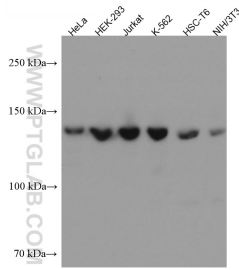
Storage

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

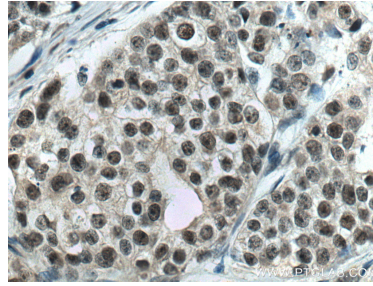
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

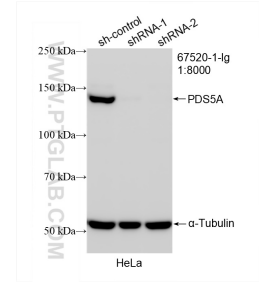
Selected Validation Data



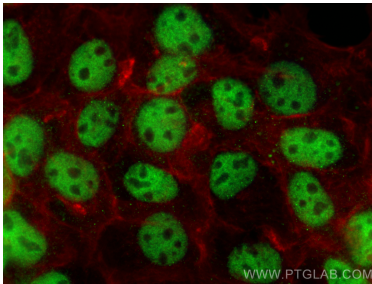
Various lysates were subjected to SDS PAGE followed by western blot with 67520-1-Ig (PDS5A antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



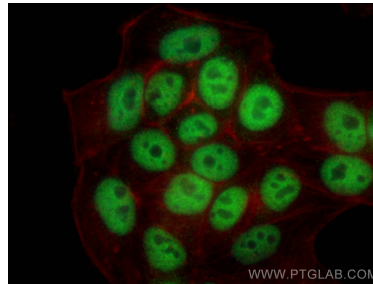
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67520-1-Ig (PDS5A antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).