

For Research Use Only

DDX5 Monoclonal antibody

Catalog Number: 67025-1-Ig **2 Publications**



Basic Information

Catalog Number: 67025-1-Ig	GenBank Accession Number: NM_004396	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1655	CloneNo.: 2D3D2
Source: Mouse	Full Name: DEAD (Asp-Glu-Ala-Asp) box polypeptide 5	Recommended Dilutions: WB 1:5000-1:50000 IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
Isotype: IgG1	Observed MW: 69 kDa	IHC 1:250-1:1000 IF 1:500-1:2000
Immunogen Catalog Number: AG24821		

Applications

Tested Applications:
IF, IHC, IP, WB, ELISA

Cited Applications:
CoIP, IP, WB

Species Specificity:
Human, mouse, rat

Cited Species:
human

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: NCI-H1299 cells, A431 cells, HSC-T6 cells, HeLa cells, HEK-293 cell, HepG2 cells, HT-29 cells, NIH/3T3 cells, 4T1 cells

IP: HeLa cells,

IHC: human colon cancer tissue,

IF: HepG2 cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Yansheng Li	33754075	Theranostics	CoIP
Shuo Yang	37405957	Cancer Biol Ther	WB,IP

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**

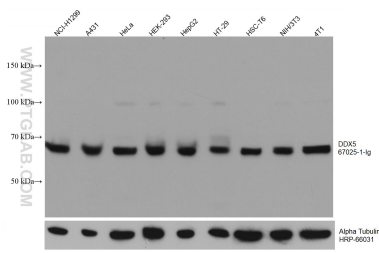
For technical support and original validation data for this product please contact:

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

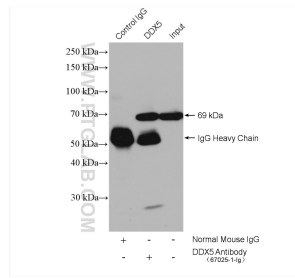
E: proteintech@ptglab.com
W: ptglab.com

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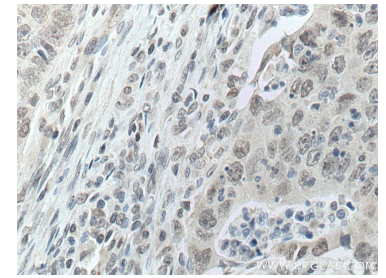
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67025-1-Ig (DDX5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.



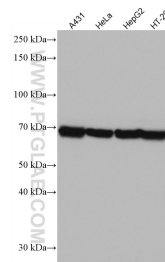
IP result of anti-DDX5 (IP:67025-1-Ig, 5ug; Detection:67025-1-Ig 1:1000) with HeLa cells lysate 1600 ug.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 67025-1-Ig (DDX5 antibody) at dilution of 1:500 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using DDX5 antibody (67025-1-Ig, Clone: 2D3D2) at dilution of 1:1000 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-phalloidin (red).



Various lysates were subjected to SDS PAGE followed by western blot with 67025-1-Ig (DDX5 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.