For Research Use Only

AGO2 Monoclonal antibody

Catalog Number:67934-1-lg Featured Product 53 Publications





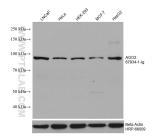
Basic Information	Catalog Number: 67934-1-lg	GenBank Accession Number: BC007633	Purification Method: Protein G purification	
	5/934-1-ig Size: 150ul, Concentration: 2000 ug/ml by Nanodrop; Source: Mouse Isotype: IgG1 Immunogen Catalog Number: AG27772	GeneID (NCBI):	CloneNo.: 1G2H12 Recommended Dilutions: WB 1:1000-1:5000 IHC 1:200-1:800	
Applications	Tested Applications: WB, IHC, FC (Intra), ELISA	Positive Controls: WB : LNCaP cells, K-562 cells, 4T1 cells, HepG2 cells, Hela cells, HEV 207 cells, MCE 7 cells, HEC T6 cells		
	Cited Applications: WB, IHC, IF, IP, RIP Species Specificity:	IHC : ht	eLa cells, HEK-293 cells, MCF-7 cells, HSC-T6 cells C : human pancreas cancer tissue, human urothelia rcinoma tissue	
	human, mouse, rat		FC (Intra) : HeLa cells,	
	Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0			
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Background Information	EIF2C2, also named as AGO2, belong gene silencing (RNAi) by the RNA-ind EIF2C2/AGO2 bound to a short guide inhibit translation initiation by bindin translation initiation factor eIF4-E. It	uced silencing complex (RISC). RNA such as a microRNA (miRN ng to the 7-methylguanosine ca also inhibit translation initiatio vents its association with the 40	p, thereby preventing the recruitment of the on via interaction with EIF6, which itself binds DS ribosomal subunit. EIF2C2 can also	
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free E: proteintech@ptglab.com in USA), or 1(312) 455-8498 (outside USA)

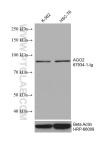
W: ptglab.com

Group brand and is not available to purchase from any other manufacturer.

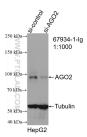
Selected Validation Data



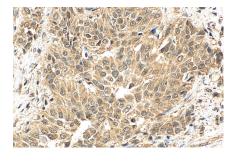
Various lysates were subjected to SDS PAGE followed by western blot with 67934-1-1g (AGO2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control.



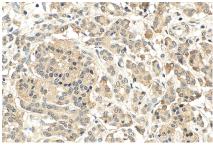
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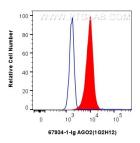
WB result of AGO2 antibody (67934-1-1g; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-AGO2 transfected HepG2 cells.



Immunohistochemical analysis of paraffinembedded human urothelial carcinoma tissue slide using 67934-1-1g (AGO2 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffinembedded human pancreas cancer tissue slide using 67934-1-1g (AGO2 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1x10^6 HeLa cells were intracellularly stained with 0.25 ug AGO2 Monoclonal antibody (67934-1-1g, Clone:1G2H12) and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1)(red), or 0.25 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).