

RBBP9 Monoclonal antibody

Catalog Number: 66015-1-Ig

Basic Information

Catalog Number: 66015-1-Ig	GenBank Accession Number: BC015938	Purification Method: Protein A purification
Size: 150ul , Concentration: 833 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10741	CloneNo.: 1H6D8
Source: Mouse	UNIPROT ID: O75884	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500 IF/ICC 1:10-1:100
Isotype: IgG2b	Full Name: retinoblastoma binding protein 9	
Immunogen Catalog Number: AG17864	Calculated MW: 186 aa, 21 kDa	
	Observed MW: 22 kDa	

Applications

Tested Applications: WB, IF, IHC, ELISA	Positive Controls:
Species Specificity: human	WB : A549 cells,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human pancreas cancer tissue, human pancreas tissue
	IF/ICC : HeLa cells,

Background Information

RBBP9, also named as BOG, RBBP10, RBBP-9, RBBP-10 and Protein BOG, belongs to the RBBP9 family. It may play a role in the transformation process due to its capacity to confer resistance to the growth-inhibitory effects of TGF-β1 through interaction with retinoblastoma and the subsequent displacement of E2F-1. RBBP9 is a tumor-associated serine hydrolase activity required for pancreatic neoplasia. It mediates suppression of TGF-β signaling is required for E-cadherin expression as loss of the serine hydrolase activity leads to a reduction in E-cadherin levels and a concomitant decrease in the integrity of tumor cell–cell junctions..RBBP9 protein levels were equivalent in paired primary tumor and nonneoplastic specimens(PMID:20080647)

Storage

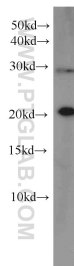
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
 Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

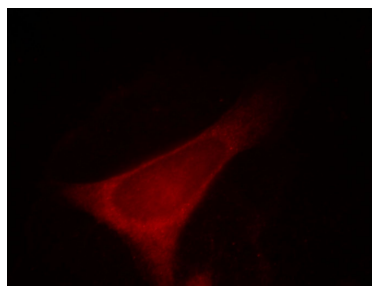
For technical support and original validation data for this product please contact:
 T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
 E: proteintech@ptglab.com
 W: ptglab.com

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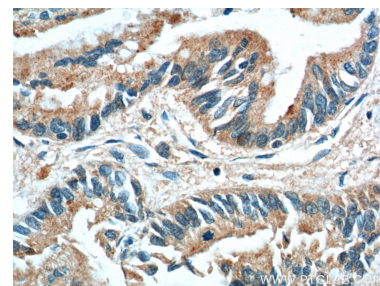
Selected Validation Data



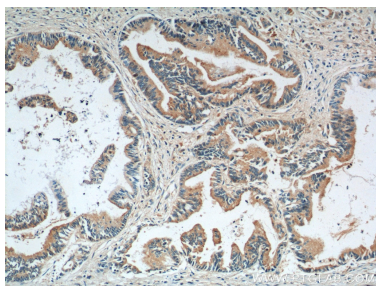
A549 cells were subjected to SDS PAGE followed by western blot with 66015-1-Ig (RBBP9 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HeLa cells, using RBBP9 antibody 66015-1-Ig at 1:25 dilution and Rhodamine-labeled goat anti-mouse IgG (red).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 66015-1-Ig (RBBP9 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 66015-1-Ig (RBBP9 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).