

For Research Use Only

RBM47 Recombinant antibody, PBS Only

Catalog Number: 86009-1-PBS



Basic Information

Catalog Number: 86009-1-PBS	GenBank Accession Number: BC126261	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 54502	CloneNo.: 250436H8
Source: Rabbit	UNIPROT ID: A0AV96	
Isotype: IgG	Full Name: RNA binding motif protein 47	
Immunogen Catalog Number: AG20984	Calculated MW: 593 aa, 64 kDa	
	Observed MW: 64 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:
human

Background Information

RBM47, also known as RNA-binding motif protein 47 or RNA-binding protein 47, is a vertebrate-conserved RBP containing three RNA-recognition motifs (RRMs) that perform multifaceted roles in RNA editing, early embryonic development, and cancer. Recent studies suggest that RBM47 functions as a tumor suppressor. It has been shown to suppress the progression of breast and colon cancers. RBM47 represents a molecular switch of cell fate decisions that functions as a regulator of the p53/p21-signaling axis. (PMID: 34499322, PMID: 31511650)

Storage

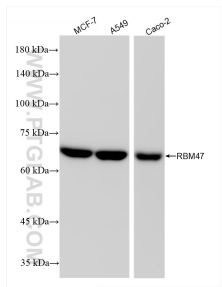
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

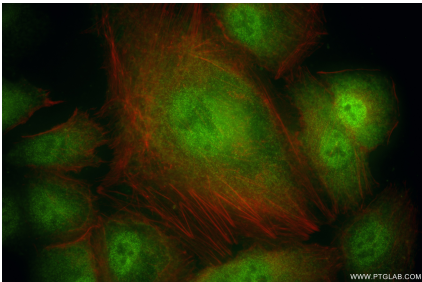
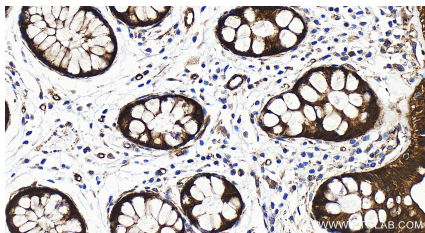
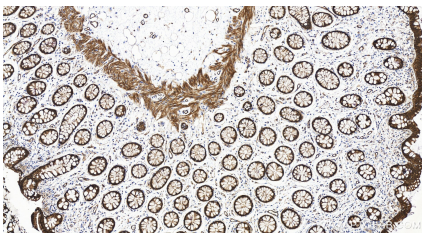
For technical support and original validation data for this product please contact:
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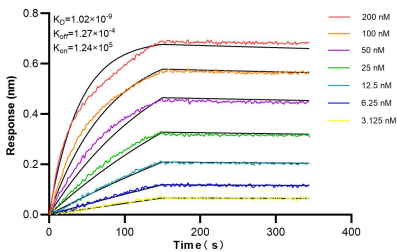
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86009-1-RR (RBM47 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86009-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A549 cells using RBM47 antibody (86009-1-RR, Clone: 250436H8) at dilution of 1:500 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 86009-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86009-1-RR against Human RBM47 were performed. The affinity constant is 1.02 nM.