

For Research Use Only

RBM47 Recombinant antibody

Catalog Number: 86009-2-RR



Basic Information

Catalog Number: 86009-2-RR	GenBank Accession Number: BC126261	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 54502	CloneNo.: 250436D5
Source: Rabbit	UNIPROT ID: A0AV96	Recommended Dilutions: WB: 1:5000-1:50000
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, ELISA	Positive Controls: WB : MCF-7 cells, A549 cells, Caco-2 cells
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

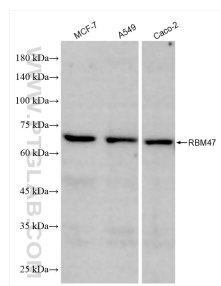
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

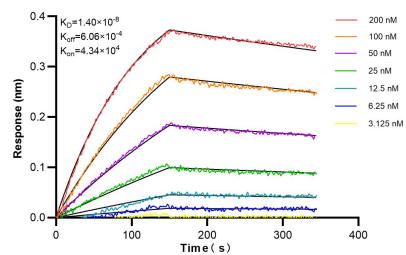
For technical support and original validation data for this product please contact:
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86009-2-RR (RBM47 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86009-2-RR against Human RBM47 were performed. The affinity constant is 1.40 nM.