

For Research Use Only

# MRRF Polyclonal antibody

Catalog Number: 12357-2-AP **4 Publications**



## Basic Information

<b>Catalog Number:</b> 12357-2-AP	<b>GenBank Accession Number:</b> BC013049	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 700 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 92399	<b>Recommended Dilutions:</b> WB 1:2000-1:10000 IHC 1:20-1:200 IF 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> mitochondrial ribosome recycling factor	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 262 aa, 29 kDa	
<b>Immunogen Catalog Number:</b> AG3021	<b>Observed MW:</b> 25 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, WB, ELISA	<b>Positive Controls:</b> WB : HEK-293 cells, A431 cells, HeLa cells, HepG2 cells
<b>Cited Applications:</b> WB	<b>IHC :</b> human pancreas cancer tissue,
<b>Species Specificity:</b> human	<b>IF :</b> MCF-7 cells,
<b>Cited Species:</b> mouse, rat	

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Ying Shu	36314841	EMBO J	
Takumi Yokokawa	32446358	Biochem Biophys Res Commun	WB
Dongjie Li	36690096	Sci Total Environ	WB

## Storage

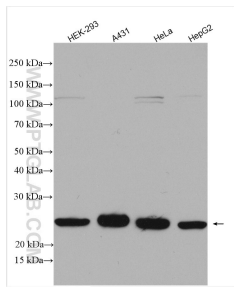
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

**\*\*\* 20ul sizes contain 0.1% BSA**

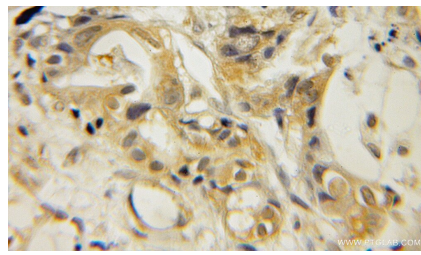
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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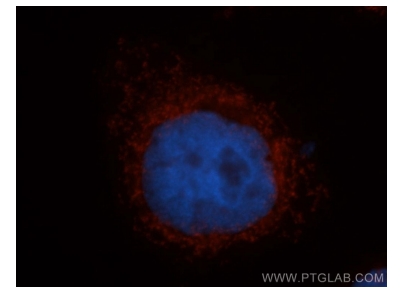
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12357-2-AP (MRRF antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer using 12357-2-AP (MRRF antibody) at dilution of 1:50 (under 10x lens).



Immunofluorescent analysis of MCF-7 cells, using MRRF antibody 12357-2-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).