

For Research Use Only

# MARS Recombinant antibody, PBS Only



Catalog Number: 83690-5-PBS

## Basic Information

Catalog Number: 83690-5-PBS	GenBank Accession Number: BC002384	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 4141	CloneNo.: 240648G3
Source: Rabbit	UNIPROT ID: P56192	
Isotype: IgG	Full Name: methionyl-tRNA synthetase	
Immunogen Catalog Number: AG6619	Calculated MW: 101 kDa	

## Applications

Tested Applications:  
WB, IF/ICC, ELISA

Species Specificity:  
human, mouse, rat

## Background Information

### Storage

Storage:  
Store at -80°C.  
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:  
PBS Only

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

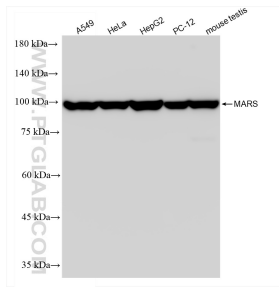
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

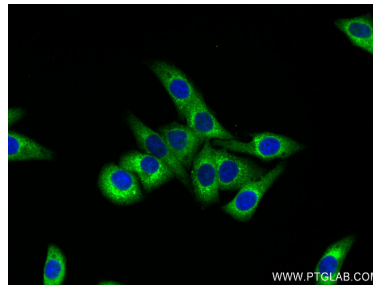
W: [ptgcn.com](http://ptgcn.com)

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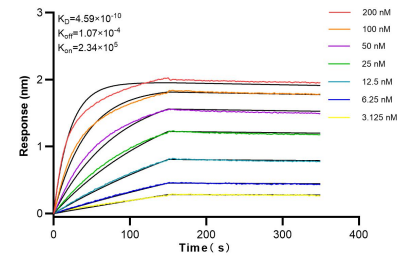
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83690-5-RR (MARS antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83690-5-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using MARS antibody (83690-5-RR, Clone: 240648G3) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 83690-5-PBS in a different storage buffer formulation.



Biacore interferometry (BLI) kinetic assays of 83690-5-RR against Human MARS were performed. The affinity constant is 0.459 nM.