

For Research Use Only

# HMMR Monoclonal antibody

Catalog Number: 68718-1-Ig



## Basic Information

<b>Catalog Number:</b> 68718-1-Ig	<b>GenBank Accession Number:</b> NM_012484	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1000 ug/ml	<b>GeneID (NCBI):</b> 3161	<b>CloneNo.:</b> 1C6B5
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> O75330	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IF/ICC 1:400-1:1600
<b>Isotype:</b> IgG1	<b>Full Name:</b> hyaluronan-mediated motility receptor (RHAMM)	
<b>Immunogen Catalog Number:</b> AG33723	<b>Calculated MW:</b> 84 kDa	
	<b>Observed MW:</b> 84 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> LNCaP cells, HEK-293 cells, HepG2 cells, Jurkat cells, K-562 cells, Ramos cells
	<b>IF/ICC :</b> HepG2 cells,

## Background Information

Hyaluronan-mediated motility receptor (HMMR), also termed CD168, was first described by Turley in murine cells. It is reported that HMMR has an extensive coiled-coil structure (CC) that contains multiple sites for interactive partners. Initially, HMMR was considered a novel hyaluronan-mediated motility receptor and a microtubule-associated spindle assembly factor. Full-length human RHAMM is an 85 kDa coiled-coil protein that occurs both in intracellular and extracellular compartments. It has highly restricted and tightly regulated expression in most normal tissues, but is one of a number of oncogenic proteins that are exported to the cell surface in response to tissue stress by unconventional transport mechanisms. (PMID: 36750558, PMID: 30249497)

## 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**

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

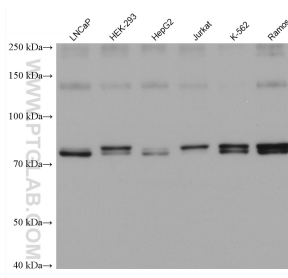
T: 4006900926

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

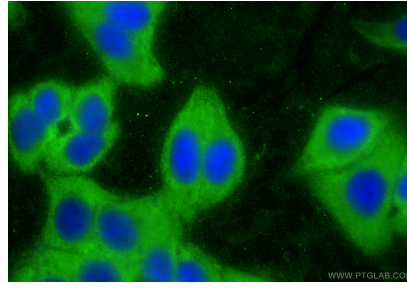
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68718-1-Ig (HMMR antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using HMMR antibody (68718-1-Ig, Clone: 1C6B5) at dilution of 1:800 and Multi-rAb CoraLite® Plus 488-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM002).