

For Research Use Only

HMMR Monoclonal antibody, PBS Only

Catalog Number: 68718-1-PBS



Basic Information

Catalog Number:

68718-1-PBS

Size:

1mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG33723

GenBank Accession Number:

NM_012484

GeneID (NCBI):

3161

UNIPROT ID:

O75330

Full Name:

hyaluronan-mediated motility receptor (RHAMM)

Calculated MW:

84 kDa

Observed MW:

84 kDa

Purification Method:

Protein G purification

CloneNo.:

1C6B5

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human

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 -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:

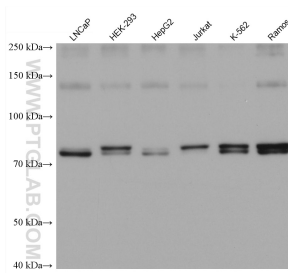
T: 4006900926

E: Proteintech-CN@ptglab.com

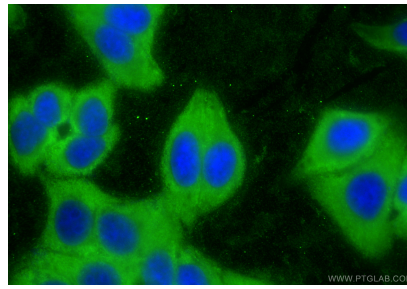
W: ptgcn.com

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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. This data was developed using the same antibody clone with 68718-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 68718-1-PBS in a different storage buffer formulation.