

For Research Use Only

HMMR Monoclonal antibody

Catalog Number: 68718-1-Ig



Basic Information

Catalog Number: 68718-1-Ig	GenBank Accession Number: NM_012484	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 3161	CloneNo.: 1C6B5
Source: Mouse	UNIPROT ID: O75330	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:400-1:1600
Isotype: IgG1	Full Name: hyaluronan-mediated motility receptor (RHAMM)	
Immunogen Catalog Number: AG33723	Calculated MW: 84 kDa	
	Observed MW: 84 kDa	

Applications

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

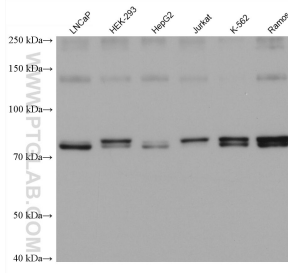
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

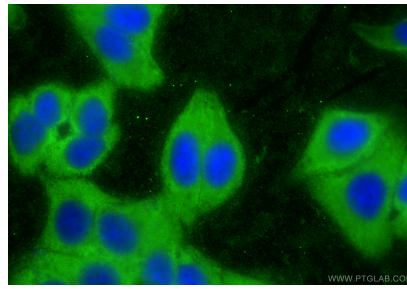
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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).