

For Research Use Only

HMMR-Specific Recombinant antibody

Catalog Number:85094-1-RR



Basic Information

Catalog Number: 85094-1-RR	GenBank Accession Number: NM_001142556	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 3161	CloneNo.: 242332G4
Source: Rabbit	UNIPROT ID: O75330	Recommended Dilutions: IF/ICC 1:125-1:500
Isotype: IgG	Full Name: hyaluronan-mediated motility receptor (RHAMM)	
	Calculated MW: 84 kDa	

Applications

Tested Applications: IF/ICC, ELISA	Positive Controls: IF/ICC : HepG2 cells,
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 -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:

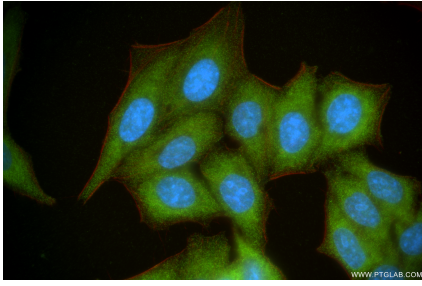
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Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using HMMR-Specific antibody (85094-1-RR, Clone: 242332G4) at dilution of 1:250 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).