

For Research Use Only

# CoraLite®555-conjugated HMMR-Specific Polyclonal antibody



Catalog Number:CL555-15820

Featured Product

## Basic Information

Catalog Number:

CL555-15820

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_001142556

GeneID (NCBI):

3161

UNIPROT ID:

O75330

Full Name:

hyaluronan-mediated motility receptor (RHAMM)

Calculated MW:

84 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity purification

Excitation/Emission maxima wavelengths:

557 nm / 570 nm

## Applications

Tested Applications:

FC (Intra)

Species Specificity:

human, mouse, rat

## 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. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

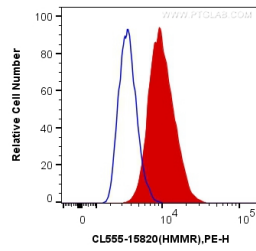
T: 4006900926

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

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

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

## Selected Validation Data



1X10<sup>6</sup> HepG2 cells were intracellularly stained with 0.4 ug CoraLite®555 Anti-Human HMMR-Specific (CL555-15820) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).