HMMR Monoclonal antibody, PBS Only

Catalog Number:68718-1-PBS

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Basic Information

Catalog Number:
68718-1-PBS

Size:
100ug , Concentration: 1mg/ml by Nanodrop;

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)
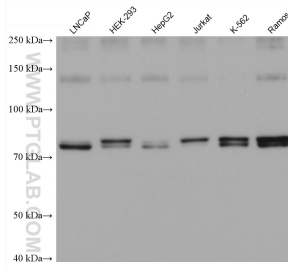
Storage

Storage:
Store at -80℃.
Storage Buffer:
PBS Only

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.
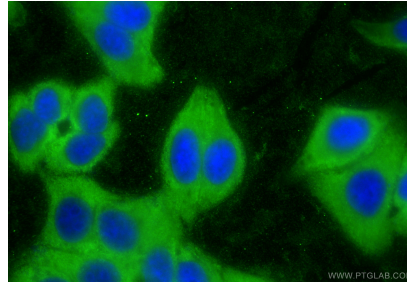
Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using HMMR antibody (68718-1-Ig, Clone: 1C6B5) at dilution of 1:800 and Multi-rAb CoraLite ® Plus 488-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM002). This data was developed using the same antibody clone with 68718-1-PBS in a different storage buffer formulation.