Nur für Forschungszwecke

HMMR-Specific Polyklonaler Antikörper

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Katalog-Nr.:15820-1-AP Vorgestelltes Produkt 9 Publikationen

Allgemeine Informationen

Katalog-Nr.:
15820-1-AP

Größe:
150ul , Konzentration: 600 μg/ml von Nanodrop;

Wirt:
Kaninchen

Isotyp:
IgG

GenBank-Zugangsnummer:
NM_001142556

GeneID (NCBI):
3161

Vollständiger Name:
hyaluronan-mediated motility receptor (RHAMM)

Berechneté Masse:
84 kDa

Beobachteté Masse:
84 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:2000-1:10000
IHC 1:50-1:500
IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:
FC, IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:
FC, IF, IHC, IP, WB

Getestete Reaktivität:
Human, Maus, Ratte

Zitierte Arten:
Human, Maus, Ratte

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : HepG2-Zellen, C6-Zellen, K-562-Zellen, T-47D-Zellen

IHC : humanes Tonsillitisgewebe,

IF : HepG2-Zellen,

Hintergrundinformationen

HMMR, also named RHAMM, is a hyaluronan receptor expressed in various tissues. It is involved in regulation of focal contacts and subsequent motility, thus playing roles in wound healing and tumor metastasis. Remarkably different molecular masses of RHAMM have been published. Antibodies raised against RHAMM have been reported to recognize proteins of 56, 66 and 70 kDa in the supernatant of murine 3T3 fibroblasts(PMID: 2440472). Some of the isoforms detectable by anti-RHAMM antibodies, including the 52 kDa form and a 48-49 kDa form found in 10T1/2 cells, have been speculated to be underglycosylated precursor forms of the mature RHAMM protein(PMID: 1705559).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Vishwanatha K Rao	30317586	J Cell Physiol	WB
Tianyu Wu	36395215	Science	IF
Fan Zhou	27225119	Nature	FC

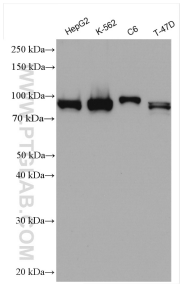
Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C lagerung

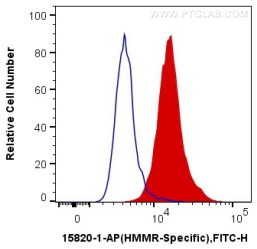
*** 20ul-Größen enthalten 0.1% BSA

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

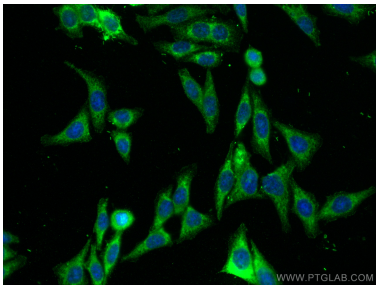
Ausgewählte Validierungsdaten



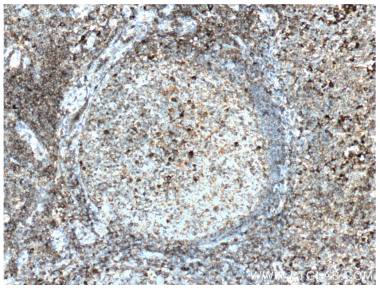
Various lysates were subjected to SDS PAGE followed by western blot with 15820-1-AP (HMMR-Specific antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



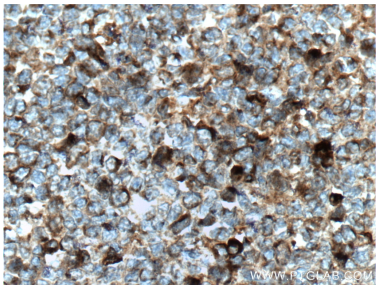
1X10^6 HepG2 cells were intracellularly stained with 0.2 ug Anti-Human HMMR-Specific (15820-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using HMMR-Specific antibody (15820-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 15820-1-AP (HMMR-Specific Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 15820-1-AP (HMMR-Specific Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).