Nur für Forschungszwecke

TIP47 Polyklonaler Antikörper

Katalog-Nr.:CL488-10694

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

Allgemeine Informationen

Katalog-Nr.:
CL488-10694

Größe:
100ul , Konzentration: 1000 μg/ml von Nanodrop;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG1028

GenBank-Zugangsnummer:
BC007566

GeneID (NCBI):
10226

Vollständiger Name:
mannose-6-phosphate receptor binding protein 1

Berechneté Masse:
47 kDa

Beobachteté Masse:
47 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
IF 1:50-1:500

Anregungs-/Emissionsmaxima-Wellenlängen:
493 nm / 522 nm

Anwendungen

Geprüfte Anwendungen:
FC (Intra), IF

Getestete Reaktivität:
Human

Positivkontrollen:

IF : mit Ölsäure behandelte HeLa-Zellen, oleic acid treated HUVEC cells

Hintergrundinformationen

Mannose 6-phosphate receptors (M6PRs) transport newly synthesized lysosomal hydrolases from the Golgi to prelysosomes and then return to the Golgi for another round of transport. M6PRBP1 (mannose-6-phosphate receptor binding protein 1), also known as TIP47, PLIN3 or PP17, interacts with the cytoplasmic domains of both cation-independent and cation-dependent M6PRs, and is required for endosome-to-Golgi transport. In addition to M6PR recycling, M6PRBP1 plays a role in lipid droplet biogenesis, and is also implicated in rhodopsin photobleaching and viral infection. M6PRBP1 has been found to be expressed in a variety of human tissues (including colon, liver and lung parenchyme, mammary gland, and skin) and is overexpressed in certain cancer cell lines. It binds to lipid droplets and also occurs in cytosol and on endosomal membranes.

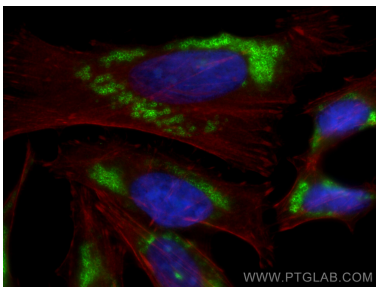
Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.
Lagerungspuffer:
BS mit 50% Glyzerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C lagerung

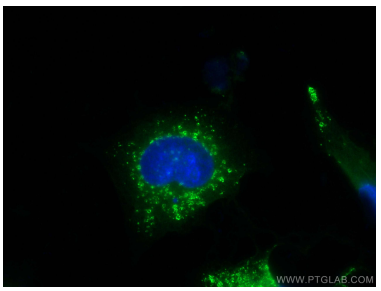
***** 20ul-Größen enthalten 0.1% BSA**

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

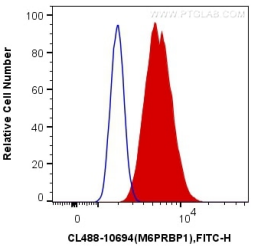
Ausgewählte Validierungsdaten



Immunofluorescent analysis of (-20°C Ethanol) fixed oleic acid treated HeLa cells using CoraLite® Plus 488 TIP47 antibody (CL488-10694) at dilution of 1:200, CL594-Phalloidin (red).



Immunofluorescent analysis of (-20°C Ethanol) fixed oleic acid treated HUVEC cells using CoraLite® Plus 488 TIP47 antibody (CL488-10694) at dilution of 1:200.



1X10^6 HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human TIP47 (CL488-10694) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).