

Nur für Forschungszwecke

Podocalyxin Polyklonaler Antikörper



Katalog-Nr.:CL488-18150

Vorgestelltes Produkt

Allgemeine Informationen

Katalog-Nr.: CL488-18150	GenBank-Zugangsnummer: BC093730	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 100ul , Konzentration: 1000 µg/ml von5420 Nanodrop;	GeneID (NCBI): podocalyxin-like	Empfohlene Verdünnungen: IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: podocalyxin-like	Anregungs-/Emissionsmaxima-Wellenlängen: 493 nm / 522 nm
Isotyp: IgG	Berechnete Masse: 526 aa, 55 kDa	
Immunogen Katalognummer: AG12844	Beobachtete Masse: 60-70 kDa	

Anwendungen

Geprüfte Anwendungen: FC (Intra), IF	Positivkontrollen: IF : humanes Nierengewebe,
Getestete Reaktivität: Human	

Hintergrundinformationen

Podocalyxin, also known as podocalyxin-like protein 1 (PODXL or PCLP1), is a transmembrane glycoprotein belonging to the CD34 family of sialomucins. Podocalyxin was originally identified as the major sialoprotein on podocytes of the kidney glomerulus, but was later found to be expressed on vascular endothelial cells and early hematopoietic progenitors. It is involved in the regulation of both adhesion and cell morphology. In addition, podocalyxin is highly expressed in embryonic stem cells and aberrant expression of podocalyxin has been implicated in a wide range of cancers. Podocalyxin is a protein with a peptide bone of 55.5 kDa that undergoes a post-translational glycosylation, the different molecular mass of podocalyxin indicates the extent and variability of glycosylation patterns (PMID: 17092254).

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

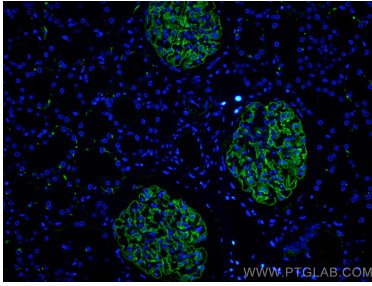
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

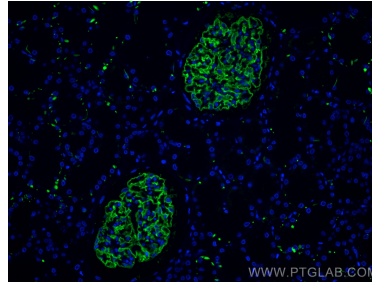
E: proteintech@ptglab.com
W: ptglab.com

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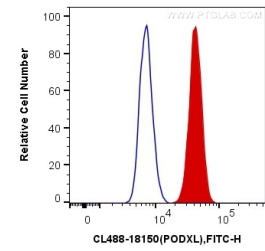
Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed human kidney tissue using CoraLite® Plus 488 Podocalyxin antibody (CL488-18150) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed human kidney tissue using CoraLite® Plus 488 Podocalyxin antibody (CL488-18150) at dilution of 1:200.



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human Podocalyxin (CL488-18150) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).