

## Podoplanin Conjugated Antibody

Catalog No: #C49474



Package Size: #C49474-AF350 100ul #C49474-AF405 100ul #C49474-AF488 100ul  
 #C49474-AF555 100ul #C49474-AF594 100ul #C49474-AF647 100ul  
 #C49474-AF680 100ul #C49474-AF750 100ul #C49474-Biotin 100ul

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## Description

Product Name	Podoplanin Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Aggrus antibody Glycoprotein 36 KD antibody Glycoprotein 36 antibody gp 36 antibody GP 38 antibody GP 40 antibody gp36 antibody GP38 antibody GP40 antibody HT1A 1 antibody HT1A1 antibody hT1alpha 1 antibody hT1alpha 2 antibody hT1alpha1 antibody hT1alpha2 antibody Lung type I cell membrane associated glycoprotein antibody Lung type I cell membrane associated glycoprotein isoform a antibody Lung type I cell membrane associated glycoprotein T1A 2 antibody OTS 8 antibody OTS8 antibody OTTHUMP00000009640 antibody OTTHUMP00000044504 antibody PA2.26 antibody PA2.26 antigen antibody Pdpn antibody PDPN_HUMAN antibody Podoplanin antibody PSEC0003 antibody PSEC0025 antibody T1 alpha antibody T1 ALPHA GENE antibody T1-alpha antibody T1A 2 antibody T1A antibody T1A antibody T1A antibody TIA 2 antibody TIA2 antibody
Accession No.	Swiss-Prot#:Q86YL7
Uniprot	Q86YL7
GeneID	10630;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	36 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Background

Puromycin aminonucleoside nephrosis (PAN) is a rat model for human minimal change nephropathy. During PAN, severe proteinuria is induced that is paralleled by a reduced expression of a rat podocyte protein, named podoplanin. Podoplanin, also known as glycoprotein 38 (gp38) is a type I membrane protein. Podoplanin localizes in stromal cells of peripheral lymphoid tissue and thymic epithelial cells. As a regulator of the lymphatic endothelium, podoplanin probably plays a role in maintaining the unique shape of podocytes.

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Note: This product is for in vitro research use only