

**Product Name: Podoplanin Rabbit Monoclonal Antibody****Catalog #: AMRe21194**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,ELISA,IP
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG,Kappa
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.3mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
<b>Purification</b>	Protein A

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:5000,IHC 1:200-1:1000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200
<b>Molecular Weight</b>	Calculated MW:17kD;Observed MW:36kD

**Antigen Information**

<b>Gene Name</b>	PDPN
<b>Alternative Names</b>	Podoplanin;Aggrus;Glycoprotein 36;Gp36;PA2.26 antigen;T1-alpha;T1A;
<b>Gene ID</b>	10630.0
<b>SwissProt ID</b>	Q86YL7
<b>Immunogen</b>	Recombinant protein of human Podoplanin/gp36

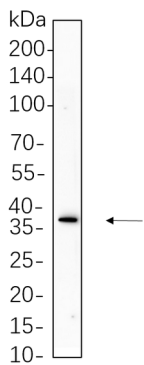
**Background**

Cell localization:Membrane, Cytoplasm.This gene encodes a type-I integral membrane glycoprotein with diverse distribution in human tissues. The physiological function of this protein may be related to its mucin-type character. The homologous protein in other species has been described as a differentiation antigen and influenza-virus receptor. The specific function of this

protein has not been determined but it has been proposed as a marker of lung injury. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008],

## Research Area

## Image Data



Mouse brain cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with Podoplanin Rabbit Monoclonal Antibody 1:1000. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.