
Product Name: KD-Validated Podoplanin Recombinant Rabbit Monoclonal Antibody
Catalog #: KVA01837

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB
Reactivity	Human,M
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000
Molecular Weight	Calculated MW: 16.7kDa

Antigen Information

Gene Name	PDPN PDPN; Podoplanin; Aggrus; PA2.26; T1A-2; D2-40; Gp38; GP40; Lung Type I Cell Membrane Associated Glycoprotein; Glycoprotein 36; PA2.26 Antigen;
Alternative Names	T1-Alpha; GP36; T1A; Lung Type-I Cell Membrane-Associated Glycoprotein (T1A-2); Glycoprotein, 36-KD; HT1alpha-1; HT1alpha-2; HT1A-1; OTS8; T1A2; T1A; Gp36
Gene ID	10630.0
SwissProt ID	Q86YL7
Immunogen	A synthesized peptide derived from human Podoplanin

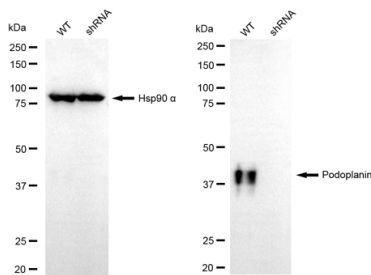
Background

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]

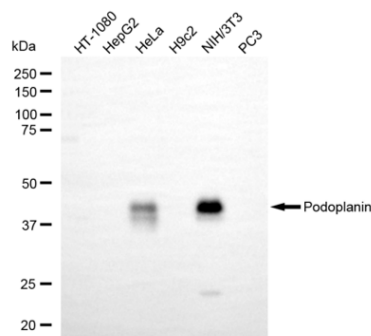
Research Area

Cardiovascular, Tags & Cell Markers

Image Data



Western blotting analysis using podoplanin antibody (KVA01837). Podoplanin expression in wild-type (WT) and podoplanin (PDPN) shRNA knockdown (KD) HSHC cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with podoplanin antibody (KVA01837, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using Podoplanin antibody (KVA01837). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with Podoplanin antibody (KVA01837, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.