

Product datasheet for DP3512

PDPN Rabbit Polyclonal Antibody

Product data:

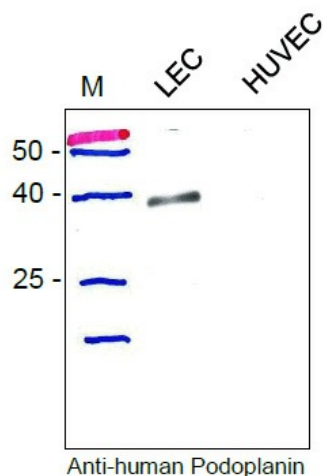
Product Type:	Primary Antibodies
Applications:	IF, IP, WB
Recommended Dilution:	Western blotting: 1-5 µg/ml. Immunofluorescence/Immunohistochemistry: 10 µg. Immunoprecipitation: 2-4 µg/sample.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Recombinant ectodomain of human gp36 (Podoplanin)
Specificity:	This antibody detects Human Podoplanin.
Formulation:	PBS, pH 7.4, without preservative or stabilizer State: Azide Free State: Lyophilized purified IgG fraction
Reconstitution Method:	Restore in sterile water to a concentration of 0.1-1.0 mg/ml.
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	podoplanin
Database Link:	Entrez Gene 10630 Human Q86YL7
Background:	Podoplanin is a highly O-glycosylated integral membrane protein that is specifically expressed in the endothelium of lymphatic capillaries but not in the blood vasculature. In normal skin and kidney, Podoplanin colocalized with VEGFR-3/FLT4, another marker for lymphatic endothelial cells.



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Synonyms: Glycoprotein 36, PA2.26 antigen, T1-alpha, Aggrus, PDPN, GP36, PSEC0003, PSEC0025

Product images:



Western blot analysis of Podoplanin expression in human lymphatic endothelial cells (LEC) and HUVECs. Total lysate of both cell types were subjected to SDS-PAGE and subsequent Western analysis with the polyclonal antibodies. The antibody recognizes a protein of about 36 kDa in total lysate from LECs but not from HUVEC.