



11 Park Drive, Suite 12  
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## Anti-human Podoplanin

**Description:** Produced from sera of rabbits immunised with the recombinant ectodomain of Podoplanin (gp36). 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/FLT-4, another marker for lymphatic endothelial cells.

<b>Host species:</b>	Rabbit
<b>Antigen:</b>	Recombinant ectodomain of human gp36 (podoplanin)
<b>Purification:</b>	Protein A chromatography
<b>Stabilizer:</b>	none
<b>Buffer:</b>	lyophilized from PBS, pH 7.4 w/o preservative
<b>Formulation:</b>	lyophilized rabbit IgG

**Reconstitution:** The lyophilized IgG is stable at 4°C. for at least one month and for more than a year when kept at -20°C. When reconstituted in sterile water to a concentration of >0.5 mg/ml the antibody is stable for at least six weeks at 2-4°C in the presence of a preservative. Reconstituted antibody can also be aliquotted and stored at -20°C to -70°C for at least 6 months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

### Applications

**Immunoprecipitation:** For IP, the antibody should be used at a concentration of 2-4 µg/sample.

**Western Analysis:** For Western blot analysis, the antibody should be used at a concentration of 1-2 µg/ml with the appropriate secondary reagents.

**Immunofluorescence:** For immunofluorescence, the antibody should be used at a concentration of 1-2 µg.

*Optimal dilutions should be determined by each laboratory for each application.*

**Usage:** Anti-human Podoplanin is offered for research use. Not for drug use. **Not for human use.**

<b>Catalogue number:</b>	102-PA40S	<b>Size:</b>	100 µg
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**Literature:** [Breiteneder-Geleff et al., Am. J. Pathol. 151:1141,1997; Zimmer et al., Biochem. J. 341:277, 1999; Schacht et al., EMBO J. 22:3546-56, 2003]

**\*\* please note : always centrifuge vials before opening \*\***

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