

# Anti-human Podoplanin (gp36)

**Description:** Monoclonals were produced with the help of BALB/c mice using MDCK cells stably expressing gp36 (podoplanin) protein as the immunizing antigen. The mouse antibody (18H5) from hybridomas was purified from cell culture supernatant by Protein G chromatography.

<b>Host species</b>	Mouse
<b>Antigen:</b>	gp36 (podoplanin)-expressing MDCK cells
<b>Purification:</b>	Protein G chromatography
<b>Stabilizer:</b>	none
<b>Buffer:</b>	PBS pH 7.4 w/o preservative
<b>Formulation:</b>	lyophilized

**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

**Western Analysis:** Use at a concentration of 1-2 µg/ml with the appropriate secondary reagents.

**Immuofluorescence:** Use at a concentration of 1-2 µg with the appropriate secondary reagents.

**FACS analysis:** Use at 3-20 µg/ml together with the appropriate secondary reagents

**Immunohistochemistry:** Use at 6-30 µg/ml.

*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.**

**Catalogue number:** CYT-26909

**Size:** 100 µg

**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 \*\***

**For Research use only**

dianova GmbH

Warburgstr. 45 | 20354 Hamburg

| [www.dianova.de](http://www.dianova.de) | Tel: 040 - 45067 0 | Fax: 040 - 450 45067 490