

## Anti-Mouse Podoplanin

**Description:** Monoclonals were produced by immunizing Syrian hamsters with a murine thymic stromal cell line. This antibody recognizes mouse podoplanin. Hamster IgG antibody from hybridomas was purified from cell culture supernatant by Protein G chromatography.

<b>Host species</b>	Syrian Hamster
<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:** When reconstituted in sterile water to a concentration of 1.0 mg/ml the antibody is stable for at least six weeks at 2-4°C.

**Stability:** The lyophilized antibody, though stable at room temperature, is best stored desiccated below 0°C. Reconstituted antibody is stable at 4°C for >one month or can be stored in working aliquots at -20°C for more than six months.

**Cross-Reactivity:** The antibody does not cross-react with human podoplanin. Other species not tested.

**Specificity:** The monoclonal antibody will detect podoplanin on the surface of mouse lymphatic endothelial cells and some epithelial cell types by immunostaining or immunohistochemistry. It works well with paraffin sections. The antibody will detect a 36-40 kDa band in Western blotting. It also works with immunoprecipitation.

**Immunostaining/Immunohistochemistry:** Use diluted 1-10 µg/ml IgG

**Western blotting:** Use 1-10 µg/ml IgG

**Immunoprecipitation:** For IP use 1-5 µg IgG per 1 ml lysate or reaction volume.

**Usage:** This antibody is offered for research use. Not for drug use. **Not for human use!**

<b>Catalogue number:</b> 103-M40	<b>Size:</b> 100 µg
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Literature: [Schacht et al., EMBO J 22:3546, 2003]