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Biotinylated 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 and then biotinylated using a standard protocol.

Host species	Syrian Hamster
Purification:	Protein G chromatography
Stabilizer:	BSA (50X)
Buffer:	0.1M Tris-Cl, 0.2M NaCl, 0.02% NaN ₃ , pH 7.4
Formulation:	lyophilized

Reconstitution: The biotinylated antibody should be reconstituted to a concentration of 50 µg/ml with sterile PBS solution containing 0.1% BSA. This solution can be stored at 4°C for at least one month without detectable loss of activity. Frozen aliquots of this solution are stable for at least 6 months when kept at -20°C. **Avoid more than one freeze-thaw cycle.**

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

Specificity: The unconjugated 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!**

Catalogue number: 103-MBi40	Size: 50 µg
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Literature: [Schacht et al., EMBO J 22:3546, 2003]

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