

Podoplanin, Mouse mAb

Catalog No.	CMV010	Quantity:	100 µg
Name:	Podoplanin		
Specificity:	Mouse Podoplanin		
Host:	Syrian Hamster		
Immunogen:	Mouse thymic stromal cell line		
Isotype:	IgG		
Formulation:	Lyophilized from PBS, pH 7.4 without preservatives.		
Purification:	Protein G chromatography		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 1.0 mg/ml.		
Cross-Reactivity:	The antibody does not cross-react with human podoplanin. Other species have not been tested.		
Storage & Stability:	The lyophilized antibody, though stable at room temperature, is best stored desiccated below 0°C. The reconstituted antibody is stable for more than one month at 2-4°C or can be stored in aliquots at -20°C for more than six months. Avoid repeated freeze-thaw cycles.		
Applications:	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. Immunostaining/Immunohistochemistry: working dilution of 1-10 µg/ml IgG. Western Blot: working dilution of 1-10 µg/ml IgG Immunoprecipitation: working dilution of 1-5 µg IgG per 1 ml lysate or reaction volume. The optimal concentration should be determined by the user for each specific application.		

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