

Syrian Hamster Anti-mouse PDPN/Podoplanin Biotinylated mAb

Catalog No.	CMP117	Quantity:	50 µg
Description:	Syrian Hamster Anti-mouse PDPN/Podoplanin Biotinylated monoclonal antibody		
Alternate Names:	Aggrus, E11 antigen, HT1A-1, Ots8, RANDAM-2, RTI40, T1A, T1A2, T1-alpha		
Specificity:	Recognizes mouse podoplanin		
Host:	Syrian Hamster		
Immunogen:	Mouse thymic stromal cell line		
Isotype:	IgG		
Conjugate:	Biotin		
Formulation:	Lyophilized in a buffer of 0.1 M Tris-Cl + 0.2 M NaCl + 0.02% NaN ₃ , pH 7.4 with BSA		
Purification:	Protein G chromatography		
Reconstitution:	Centrifuge vial prior to opening. Add sterile PBS solution containing 0.1% BSA to the vial to fully solubilize the antibody to a concentration of 50 µg/ml.		
Cross-Reactivity:	No cross-reactivity with human podoplanin		
Applications:	Western Blot: Use 1-10 µg/ml; will detect a 36-40 kDa band Immunostaining/Immunohistochemistry: Use diluted 1-10 µg/ml; unconjugated antibody will detect podoplanin on the surface of mouse lymphatic endothelial cells and some epithelial cell types. It works well with paraffin sections. Immunoprecipitation: Use 1-5 µg/1 ml lysate or reaction volume. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Reconstituted antibody is stable for at least one month at 2-4°C or in working aliquots at -20°C for at least six months. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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