

MONOCLONAL ANTIBODY **Thrombospondin**

Cat. No.	Form	Quantity	Presentation
0367	Purified	0.2 mg	Freeze-dried
1499	Phycoerythrin	100 tests	Liquid 2 ml

Clone	P10
Isotype	IgG1 κ (mouse)
Immunogen	Human thrombospondin
Hybridoma	Myeloma Sp2/0 x Balb/c spleen cells
Specificity	This antibody recognizes human thrombospondin.
Applications	Detection of platelet activation in patients with prethrombotic syndrome. Study of the platelet and megakaryocyte localization of thrombospondin. Immunoradiometric assay of thrombospondin. Investigation of the role of thrombospondin in platelet aggregation.
Buffer	Freeze-dried forms 1 mg/ml bovine serum albumin in phosphate buffered saline. Liquid forms: 2 mg/ml bovine serum albumin in phosphate buffered saline containing 0.1% sodium azide.
Reconstitution and Storage	The freeze-dried form may be stored at 2-8°C until the expiration date. Reconstitute with 1 ml of distilled water. No preservative has been added. The reconstituted form may be stored at -20°C until the expiration date. Aliquoting is suggested to avoid multiple freeze-thaw cycles. The addition of sodium azide at 0.1% (w/v) is recommended for storage of the reconstituted form for up to one month at 2-8°C. The conjugated forms should not be frozen and should be stored in the dark at 2 - 8°C.

October 10, 1994

MA003

FOR RESEARCH USE ONLY - NOT FOR USE IN DIAGNOSTIC PROCEDURES


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Recommended Procedures Fluorescent microscopy or flow cytometry:
Liquid form: 20 μ l/5x10⁵ cells/test.

Freeze-dried form: 2 μ g/5x10⁵ cells/test.

Immunohistochemistry:

Suggested form: freeze-dried

Working dilution: 1:25 to 1:50

This antibody is only suitable on frozen sections or cell smears.

References

1) Clezardin, P., McGregor, J.L., Lyon, M., Clemetson, K.J. & Huppert, "Characterization of two murine monoclonal (P10, P12) antibodies" 1986, J. Eur. J. Biochem., **154**, 95-102

2) Legrand C, Dubernard V, Kieffer N, Nurden A.T "Use of a monoclonal antibody to measure the surface expression of thrombospondin following platelet activation" 1988, Eur. J. Biochem., **171**, 393-399.

3) Mc Laren K M. "Immunohistochemical localisation of thrombospondin in human megakaryocytes and platelets". 1983, J. Clin. Pathol. **36**, 197-199.