

**POLYCLONAL ANTIBODY**

**S-100 Protein**

Cat. No.	Form	Quantity	Presentation
1071	Pre-diluted	6 ml	Ready-to-use
1926	Concentrated	1 ml	Liquid

- Clone** Polyclonal
- Isotype** IgG fraction of rabbit serum.
- Immunogen** Bovine brain S-100 alpha and beta subunits.
- Reagent preparation** Pre-diluted antibody solution is ready-to-use and should be employed according to experimental conditions and procedures validated by each individual laboratory.  
Concentrated antibody solution should be diluted according to experimental conditions and procedures validated by each individual laboratory.
- Purity** Pre-diluted form:  
Purified Ig in 50 mM Tris-HCl, 150 mM NaCl, pH 7.4 - 7.8 with 10 mg/mL bovine serum albumin and 0.2 % sodium azide. The buffer contains a green dye.  
Concentrated form:  
Purified Ig in 50 mM Tris-HCl, 150 mM NaCl, pH 7.4 - 7.8 with 10 mg/mL bovine serum albumin and 0.2 % sodium azide.
- Storage** 2-8°C until the expiration date stated on the vial label.
- Warning** Liquid reagents contain 0.2% sodium azide. Under acidic conditions, sodium azide yields hydrazoic acid, an extremely toxic compound. Azide compounds should be flushed with copious amounts of water while being discarded in the drain. These precautions are recommended to avoid deposits in metal piping in which explosive conditions can develop.  
Sodium azide is classified as harmful (Xn) at concentration of 0.2%: harmful by inhalation, in contact with skin and if swallowed may cause skin and eye irritation upon contact.
- Biological specimens** Fixed, paraffin-embedded tissues.  
Frozen sections and cell smears: the antiserum gives indiscriminate granular staining of virtually every cell type in fresh-frozen tissue. For this reason the use of frozen tissue is inappropriate.

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MA003

FOR RESEARCH USE ONLY - NOT FOR USE IN DIAGNOSTIC PROCEDURES



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**References**

- 1) Wick, M.R., Siegel, G.P., "Monoclonal antibodies in diagnostic immunohistochemistry", 1988, Marcel Dekker Inc. New York, USA, 71-92.
- 2) Leong, ASY., "Immunohistochemistry: theoretical and practical aspects", 1993, In Leong ASY Ed, Applied Immunohistochemistry for the Surgical Pathologist, Edward Arnold, London, pp.2-22.