

MONOCLONAL ANTIBODY

Thyroglobulin  
(Pool)

Cat. No.	Form	Quantity	Presentation
1063	Pre-diluted	6 mL	Ready-to-use

<b>Clones</b>	J7.B.49	J7.C.76	J7.C.9.3
<b>Isotypes</b>	IgG1 (mouse)	IgG2b (mouse)	IgG1 (mouse)
<b>Immunogen</b>	Purified human thyroid plasma membrane (1). The pool recognizes human thyroglobulin (1, 2).		
<b>Reagent preparation</b>	Pre-diluted antibody solution is ready-to-use and should be employed according to experimental conditions and procedures validated by each individual laboratory.		
<b>Purity</b>	Purified Ig in 50 mM Tris-HCl, 150 mM NaCl, pH 7.2 with 1 mg/mL bovine serum albumin and 0.1 % sodium azide. The buffer contains a green dye.		
<b>Storage</b>	2-8°C until the expiration date stated on the vial label.		
<b>Warning</b>	Liquid reagents contain 0.1 % 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.		
<b>Biological specimens</b>	Cytospins, smears and sections of frozen or fixed, paraffin-embedded tissues. Fixed, paraffin-embedded tissue sections require trypsin treatment prior to incubation with the antibody.		
	<b>Trypsin treatment procedure</b>		
	Cat. No. 484435 from Shandon-Lipshaw.		
	Dissolve 1 tablet in 100 mL of TBS. Bring to 37°C and incubate with sections for 5 minutes. Rinse 3 times in deionized water.		
<b>References</b>	1) Ruf, J., Carayon, P., Sarles-Philip, N., Kourilsky, F., Lissitsky, S., "Specificity of monoclonal antibodies against human thyroglobulin ; comparison with autoimmune antibodies", 1983, <u>Embo J.</u> , 2, 1821-1826.		
	2) de Micco, C., Ruf, J., Carayon, P., Chrestian, M.A., Henry, J.F., Toga, M., "Immunohistochemical study of thyroglobulin in thyroid carcinomas with monoclonal antibodies", 1987, <u>Cancer</u> , 59,471-476.		

January 31, 1997

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