

Monoclonal Mouse Antibody to Human Thyroglobulin

Catalog No.:	Mob 223, Mob 223-05
Intended Use:	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.
Immunogen:	BALB/C mice were immunized with purified human thyroglobulin.
Clone:	1D4
Isotype:	IgG2a
Format:	This antibody is supplied as tissue culture supernatant containing azide as a preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:25-1:50 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
Staining Protocol:	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>Suitable for formalin fixed, paraffin embedded tissue sections.</u>
Specificity:	This antibody recognizes thyroglobulin in hyperplastic and neoplastic thyroid. Thyroglobulin is a protein of 670 kD consisting of two identical subunits. Thyroglobulin is synthesized by the follicular epithelial cells of the thyroid.
Positive Control:	Thyroid
Cellular Localization:	Cytoplasmic
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References:	i) Chan et al. Clin Exptl Immunol 70:516, 1987. ii) Male et al. Immunology 54: 419, 1985. iii) Shepherd et al. Europ J Nucl Med 10: 291, 1985.

IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

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