

Monoclonal Mouse Antibody to Human Thyroglobulin

Catalog No.:	Mob 398-1, Mob 398-1-05
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 injected with purified human thyroglobulin.
Clone:	RBU/01
Isotype:	IgG1
Format:	This antibody was derived from ascites. It contains sodium azide as a preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:30-1:60 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 tissues. No special pretreatment is required.</u>
Specificity:	This antibody is specific to the 330 kD protein. Thyroglobulin is synthesized by follicular epithelial cells of the thyroid. Thyroglobulin antibody has been useful in the positive identification of thyroid carcinomas of the papillary and follicular types. It stains thyroglobulin in adenoma from thyroid (microfollicles). This antibody cross reacts with human, bovine, porcine, goat, and guinea pig thyroglobulin.
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) Richardson TC et al. Histochem 86 (4):437, 1987. ii) Skalli et al. Lab Invest 60: 275, 1989. iii) Skalli et al. J Histo Chem 37: 315, 1989. iv) O'Byrne et al. Br J cancer 82: 1427, 2000. v) Ossendrop et al. J Immunol Methods 120: 191, 1989.

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

DBS

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