

## Product datasheet for **DM223**

### Thyroglobulin (TG) Mouse Monoclonal Antibody [Clone ID: 1D4]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	1D4
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on paraffin embedded sections: diluted of 1:25-1:50 in an ABC method (30 minutes at room temperature) Recommended Positive Control: Thyroid
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	BALB/C mice were immunized with purified human thyroglobulin.
Specificity:	This antibody recognizes thyroglobulin in hyperplastic and neoplastic thyroid. Cellular Localization: Cytoplasmic
Formulation:	containing azide as the preservative. State: Supernatant State: Liquid tissue culture supernatant
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	thyroglobulin
Database Link:	<a href="#">Entrez Gene 7038 Human P01266</a>
Background:	Thyroglobulin is a protein of 670 kD consisting of two identical subunits. Thyroglobulin is synthesized by the follicular epithelial cells of the thyroid.
Synonyms:	Thyreoglobulin, TGN



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