

## Product datasheet for **DM223-05**

### 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)<br>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.<br>Cellular Localization: Cytoplasmic  |
| Formulation:          | containing azide as the preservative.<br>State: Supernatant<br>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.<br>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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