

Product Datasheet

Thyroglobulin Antibody (TGB/1968R) [FITC] NBP3-08269F

Unit Size: 100 ul

Store at 4C in the dark.

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NBP3-08269F

Thyroglobulin Antibody (TGB/1968R) [FITC]

| Product Information | |
|-----------------------------|---|
| Unit Size | 100 ul |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. |
| Clonality | Monoclonal |
| Clone | TGB/1968R |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG |
| Conjugate | FITC |
| Purity | Protein A or G purified |
| Buffer | PBS |
| Product Description | |
| Host | Rabbit |
| Gene ID | 7038 |
| Gene Symbol | TG |
| Species | Human |
| Marker | Thyroidal Cell Marker |
| Specificity/Sensitivity | Thyroglobulin is a 660kDa dimeric pre-protein with multiple glycosylation sites. It is produced by and processed within the thyroid gland to produce the hormone thyroxine and triiodothyronine. Prior to forming dimers, thyroglobulin monomers undergo conformational maturation in the endoplasmic reticulum. The vast majority of follicular carcinomas of the thyroid will give positive immunoreactivity for anti-thyroglobulin even though sometimes only focally. Poorly differentiated carcinomas of the thyroid are frequently anti-thyroglobulin negative. Adenocarcinomas of other-than-thyroid origin do not react with this antibody. This antibody is useful in identification of thyroid carcinoma of the papillary and follicular types. Presence of thyroglobulin in metastatic lesions establishes the thyroid origin of tumor. Anti-thyroglobulin, combined with anti-calcitonin, can identify medullary carcinomas of the thyroid. Furthermore, anti-thyroglobulin, combined with anti-TTF1, can be a reliable marker to differentiate between primary thyroid and lung neoplasms. |
| Immunogen | Recombinant full-length human Thyroglobulin protein (Uniprot: P01266) |
| Product Application Details | |
| Applications | Immunohistochemistry-Paraffin |
| Recommended Dilutions | Immunohistochemistry-Paraffin |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |





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Products Related to NBP3-08269F

| | |
|--------------------|--|
| NBP2-24892 | Rabbit IgG Isotype Control [FITC] |
| H00007038-Q02-25ug | Recombinant Human Thyroglobulin GST (N-Term) Protein |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| DY8306-05 | Thyroglobulin [Biotin] |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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