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## Product Datasheet

### **Thyroglobulin(TGB04 + TGB05), CF405S conjugate, 0.1mg/mL, Clone: [TGB04 TGB05], Mouse, Monoclonal BOT-BNC041227-100**

|                            |                                                                                                                                                                                                                                                                |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Thyroglobulin(TGB04 + TGB05), CF405S conjugate, 0.1mg/mL, Clone: [TGB04 TGB05], Mouse, Monoclonal                                                                                                                                                              |
| Biozol Catalog Number      | BOT-BNC041227-100                                                                                                                                                                                                                                              |
| Supplier Catalog Number    | BNC041227-100                                                                                                                                                                                                                                                  |
| Alternative Catalog Number | BOT-BNC041227-100-100UL                                                                                                                                                                                                                                        |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                        |
| Host                       | Mouse                                                                                                                                                                                                                                                          |
| Category                   | Antikörper                                                                                                                                                                                                                                                     |
| Application                | IHC                                                                                                                                                                                                                                                            |
| Species Reactivity         | Human, Mouse, Rat                                                                                                                                                                                                                                              |
| Immunogen                  | Human thyroid follicular cells                                                                                                                                                                                                                                 |
| Conjugation                | CF405S                                                                                                                                                                                                                                                         |
| Product Description        | Thyroglobulin is a 660 kDa 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 c... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                     |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                      |
| Clone Designation          | [TGB04 TGB05]                                                                                                                                                                                                                                                  |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight  | 660 kDa (Dimeric Form)                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| UniProt           | <a href="#">P01266</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Buffer            | PBS, 0.1% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Application Notes | Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunohistology formalin-fixed 0.1-0.2 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes Flow Cytometry 0.5-1.0 ug/million cells in 0.1 mL Optimal dilution for a specific application should be determined by user |