



HiResNb™ Alpaca Anti-Human Thyroglobulin Monoclonal antibody, clone A5228 (DMAB- CS24938)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

| | |
|--------------------|--|
| Specificity | Human TG/Thyroglobulin |
| Target | Human Thyroglobulin |
| Isotype | VHH |
| Source/Host | Alpaca |
| Species Reactivity | Human |
| Clone | A5228 |
| Purification | Affinity purified |
| Conjugate | Unconjugated |
| Applications | ELISA, IF, SPR |
| Format | Liquid |
| Size | 100 µg, 1 mg |
| Buffer | 10mM PBS (pH 7.5) |
| Preservative | None |
| Storage | Store at -20°C (Avoid freeze / thaw cycles). |

BACKGROUND

Introduction

Thyroglobulin (TG) represents one of the main autoantigenic targets in autoimmune thyroid disease of humans. TG is a large globular dimeric glycoprotein with a total molecular weight of 660 kDa, which occupies a key precursor role in the biosynthesis of the thyroid hormones. Approximately 75% of the total protein content of the thyroid follicle consist of TG. TG autoantibodies of IgG type have a prevalence of 80-85% in patients with Hashimoto thyroiditis and also a lower prevalence of 30-80% in patients with Graves' disease.

Keywords

TG; Thyroglobulin