

# Anti - Thyroglobulin

## Rabbit clonal antibody

### CAT#

#### CONCENTRATED

DB 259-0.1	(100 µl)
DB 259-0.2	(200 µl)
DB 259-0.5	(500 µl)
DB 259-1	(1 ml)

#### READY TO USE (RTU)

DB 259-RTU-7	(7 ml)
DB 259-RTU-15	(15 ml)

### STORAGE AND APPLICATION

#### CONCENTRATED

**Storage:** +4°C  
**Application:** IHC-P,  
 dilution 1:100

#### READY TO USE (RTU)

**Storage:** +4°C, Do not freeze!  
**Application:** IHC-P,  
 ready to use

### PRODUCT INFORMATION

**Clone:** E23-Y  
**Buffer:** 20 mM Tris-HCl, pH 8.0  
**Stabilizer:** 20 mg/ml BSA  
**Preservative:** 0.05% NaN<sub>3</sub>  
**Specificity:** Human  
**Expiration:** 24 months from the shipping date  
**Immunogen:** Peptide derived from C – terminal region of human Thyroglobulin. Antibody recognizes the epitope between Leu2745 – Lys2764.

**Cellular localization:** cytoplasmic and colloid of follicles  
**Positive control:** thyroid tissue  
**Protein accession number:** P01266

### VENTANA PROTOCOL – INSTRUCTION MANUAL

#### SHORT APPLICATION PROTOCOL FOR VENTANA BENCHMARK SLIDE STAINING SYSTEM

1. Drying (Enter).
2. Heating glass (72°C), incubation 4 min. Drying.
3. Deparafinization (Enter).
4. Heating (72°C) at the medium temperatures. Deparafinization.
5. Prolonged deparafinization (Enter).
6. Cell conditioning (Enter).
7. ULTRA conditioner #1 (Enter).
8. Heating glass (95°C), incubation 8 min. (Cell conditioner #1; buffer CC1).
9. ULTRA CC1 solution application – 36 min. (Enter).
10. Titration (Enter).
11. Hand apply – primary antibody. Incubation 36 min.
12. Nuclear stain (Enter).
13. Hematoxylin application – one drop (nuclear stain). Cover and incubate 8 min.
14. After nuclear stain (Enter).
15. Bluing reagent application, one drop. After nuclear stain, cover and incubate 4 min.

### LEICA BOND MAX PROTOCOL – INSTRUCTION MANUAL

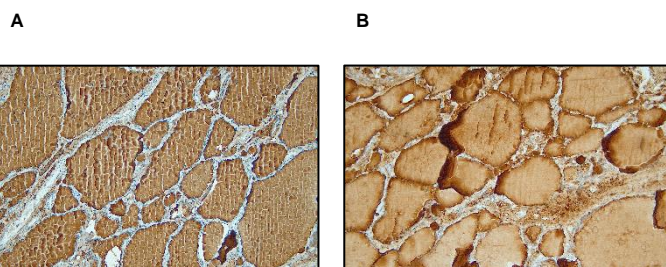
#### SHORT APPLICATION PROTOCOL FOR LEICA BOND MAX SLIDE STAINING SYSTEM

#### Protocol F:

- Incubation of primary antibody / temperature: 30 min. / 20°C
- Epitope retrieval / heating time / temperature: ER2 / 10 min. / 100°C
- Visualization system: BOND Refine DS9800

### PRECAUTIONS

1. **We strongly recommend to use DB Primary Antibody Diluent (catalog number DB D-125, or DB D-250), eventually alternative diluent (containing protease free BSA at the concentrations ≥ 1mg/ml) for dilution of concentrated antibodies, otherwise the warranty might be voided.**
2. **Centrifuge the vial before use.**
3. Intended for professional In Vitro Diagnostic use in laboratories.
4. Do not use after expiration date stamped on vial label.
5. Avoid contamination of the reagent.
6. Any discrepancies in the recommended procedures stated in the working protocol may affect the final results.
7. The reagent contains sodium azide (NaN<sub>3</sub>) which is highly toxic in higher concentrations. The concentration in the reagent (0.05%) is not considered as hazardous.
8. Disposal of waste material must be conducted in accordance with local regulations.
9. Wear appropriate Personal Protective Equipment to avoid contact with eyes and skin.



Immunohistochemical staining patterns of formalin fixed and paraffin embedded human thyroid metastasis tissue (4 µm sections) with Anti – Thyroglobulin (DB 259) monospecific antibody, according to DB Biotech datasheet. Antibody stains thyroglobulin in follicular epithelial cells as well as colloid tissue. (A) Ventana BenchMark; (B) Leica Bond-Max.