

# Anti – PSA (Prostate-specific antigen)

## Rabbit clonal antibody

### CAT#

#### CONCENTRATED

DB 254-0.1	(100 µl)
DB 254-0.2	(200 µl)
DB 254-0.5	(500 µl)
DB 254-1	(1 ml)

#### READY TO USE (RTU)

DB 254-RTU-7	(7 ml)
DB 254-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:** L15-V  
**Buffer:** 20 mM Tris-HCl, pH 8.0  
**Stabilizer:** 20 mg/ml BSA  
**Preservative:** 0.05% NaN<sub>3</sub>  
**Specificity:** Human, mouse, rat  
**Expiration:** 24 months from the shipping date  
**Immunogen:** Peptide derived from N-terminal sequence of human PSA. Antibody recognizes the epitope between Arg77 – Gln88.

**Cellular localization:** cytoplasm  
**Positive control:** prostate hyperplasia  
**Protein accession number:** P07288

### VENTANA PROTOCOL – INSTRUCTION MANUAL

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

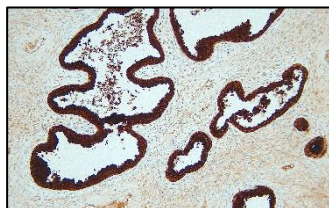
##### PROCEDURE: U ultraView DAB

1. Deparaffinization
2. Heating (72 °C) at the medium temperatures. Deparaffinization.
3. Cell conditioning
4. ULTRA conditioner #1
5. Heating glass (95 °C), incubation 8 min. (Cell conditioner #1; buffer CC1).
6. **ULTRA CC1** solution application – **36 min.**
7. Antibody incubation temperature
8. Heating glass (36 °C), incubation 4 min.
9. Titration
10. Hand apply – primary antibody 100 µl. Incubation **36 min.**
11. ultraWash
12. Nuclear stain
13. Hematoxylin II application – one drop (nuclear stain). Cover and incubate 12 min.
14. After nuclear stain
15. Bluing reagent application, one drop. After nuclear stain, cover and incubate 4 min

A



B



Immunohistochemical staining patterns of formalin fixed and paraffin embedded human prostate tissue (4 µm sections) with Anti - PSA (DB 254) monospecific antibody, according to DB Biotech datasheet. The prostate gland tissues show a strong distinct cytoplasmic PSA expression. (A) Ventana BenchMark; (B) Leica Bond-Max.

### LEICA BOND MAX PROTOCOL – INSTRUCTION MANUAL

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

##### Protocol F:

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

### 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.