

Anti – Ki-67

Mouse monoclonal antibody

CAT#

CONCENTRATED

DB 317-0.1 (100 µl)
DB 317-0.2 (200 µl)
DB 317-0.5 (500 µl)
DB 317-1 (1 ml)

READY TO USE (RTU)

DB 317-RTU-7 (7 ml)
DB 317-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: M25-Y
Buffer: 20 mM Tris-HCl, pH 8.0
Stabilizer: 20 mg/ml BSA
Preservative: 0.05% NaN₃
Specificity: Human
Expiration: 24 months from the shipping date
Immunogen: The immunogenic sequence is proprietary.

Cellular localization: nucleus
Positive control: tonsil
Protein accession number: P46013

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

LEICA BOND MAX PROTOCOL – INSTRUCTION MANUAL

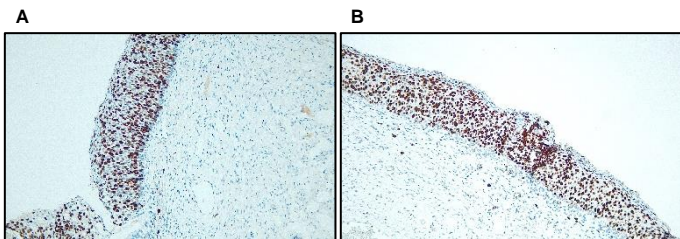
SHORT APPLICATION PROTOCOL FOR LEICA BOND MAX SLIDE STAINING SYSTEM

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 (NaN₃) 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.



High-grade squamous intraepithelial lesion (HSIL / CIN2+) of the uterine cervix stained with mouse monoclonal antibody Anti-Ki-67 (DB 317), shows significant nuclear positivity of neoplastic cells. Formalin fixed, paraffin embedded human tissues (4 µm sections) stained according to DB Biotech datasheet for Ventana BenchMark Ultra (A) and Leica Bond MAX (B).