

Herpes Simplex Virus Type 2 (HSV II) Ab-1

Catalog # RB-1426-A0, -A1, or -A (0.1ml, 0.5ml, or 1.0ml)

Catalog # RB-1426-R7 (7.0ml)

INTENDED USE:

- **For In Vitro Diagnostic Use:** This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy.
- **Description:** Ab-1 reacts with HSV type 2 specific antigens and with antigens common for HSV types 1 and 2. The antibody reacts with all the major glycoproteins present in the viral envelope and at least one core protein as determined by crossed immunoelectrophoresis. NeoMarkers' Ab-1 does not cross react with cytomegalovirus and Epstein-Barr virus. It is well-suited for detection of HSV in human cellular material obtained from superficial lesions or biopsies and for the early identification of HSV in infected tissue cultures.
- **Expected Staining Pattern:** Cytoplasmic and nuclear
- **Positive Control:** Herpes Simplex Virus infected cells or tissues.

MATERIALS PROVIDED:

Herpes Simplex Virus Type 2 (HSV II) Ab-1 (refer to catalog number):

- #RB-1426-A (or -A0, -A1): Unspecified amount of purified immunoglobulins, concentrated, in 10mM PBS, pH 7.4, with 0.2% BSA and 0.09% sodium azide.
- or
- #RB-1426-R7: (7.0ml) of antibody prediluted in 0.05mol/L Tris-HCl, pH 7.6 containing stabilizing protein and 0.015mol/L sodium azide.
- **Antibody Concentration:** Not known
- **Host:** Rabbit
- **Epitope:** Not determined
- **Species Reactivity:** Herpes Simplex Virus infected tissues and cells.
- **Clone Designation:** Polyclonal
- **Ig Isotype / Light Chain:** IgG
- **Immunogen:** Detergent-solubilized herpes simplex virus (HSV) type 2 (strain MS) infected whole rabbit cornea cells.
- **Microbiological State:** This product is not sterile.

MATERIALS REQUIRED, BUT NOT PROVIDED:

- **Antibody Diluent:** For concentrated antibodies, the antibody must be diluted before using. Use Lab Vision Antibody Diluent (catalog # TA-125-UD). Refer to diluent product instructions for use.
- **Negative Control Reagent:** Refer to the "General Protocol" instructions.
- **Visualization System:** Refer to the "General Protocol" instructions.

METHODS AND PROCEDURES:

Specimen Preparation	Refer to the "General Protocol" instructions.
Dilution of Concentrated Antibody	1:100-1:200 in antibody diluent
Tissue Section Pretreatment	No special pretreatment is required for immuno-histochemical staining of formalin-fixed tissues.
Primary Antibody Incubation Time	30 minutes at Room Temperature
Visualization	To detect antibody, follow the instructions provided with the visualization system.

STORAGE and STABILITY:

This product contains sodium azide and is stable for 24 months when stored at 2-8°C. Do not use after expiration date indicated on label of the product. If reagent is not stored as recommended, performance must be validated by the user.

REFERENCES:

- 1) Adams RL et al. J Pathol 1984; 143:241-7.
- 2) Vestergaard BF et al. In Bergmeyer HUB, ed. Methods of enzymatic analysis. Vol X. Weinheim; VCH, 1986:226-42.
- 3) Vestergaard BF et al. Acta path microbial scand 1979; sect B 87: 261-3.