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

Rabbit Polyclonal Antibody

Cat. #RB-1426-A0, -A1, or -A (0.1ml, 0.5ml, or 1.0ml)
Cat. #RB-1426-R7 (7.0ml) (Ready-to-Use for Immunohistochemical Staining)

Comments: 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.

Epitope: Not determined

Species Reactivity: Herpes Simplex Virus infected tissues and cells.

Immunogen: Detergent-solubilized herpes simples virus (HSV) type 2 (strain MS) infected whole rabbit cornea cells.

Applications and Suggested Dilutions:

- Immunohistology (Formalin/paraffin)
  (Use Ab at 1:100-1:200 for 30 min at RT)

* [Staining of formalin-fixed tissues REQUIRES boiling tissue sections in 10mM citrate buffer, pH 6.0, (***NEOMARKERS'*** Cat. #AP-9003), for 10-20 min followed by cooling at RT for 20 min.]

The optimal dilution for a specific application should be determined by the investigator.

Positive Control: Herpes Simplex Virus infected cells or tissues.

Cellular Localization: Cytoplasmic and nuclear

Supplied As:

Purified antibody fraction from rabbit anti-serum. Prepared in 10mM PBS, pH 7.4, with 0.2% BSA and 0.09% sodium azide,

or

Prediluted antibody which is ready-to-use for staining of formalin-fixed, paraffin-embedded tissues.

Storage and Stability: Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months.

Key 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. Weinhelm; VCH, 1986:226-42.
3. Vestergaard BF et al. Acta path microbial scand 1979; sect B 87: 261-3.

Limitations and Warranty:

Our products are intended FOR RESEARCH USE ONLY and are not approved for clinical diagnosis, drug use or therapeutic procedures. No products are to be construed as a recommendation for use in violation of any patents. We make no representations, warranties or assurances as to the accuracy or completeness of information provided on our data sheets and website. Our warranty is limited to the actual price paid for the product. NeoMarkers is not liable for any property damage, personal injury, time or effort or economic loss caused by our products.

Material Safety Data:

This product is not licensed or approved for administration to humans or to animals other than the experimental animals. Standard Laboratory Practices should be followed when handling this material. The chemical, physical, and toxicological properties of this material have not been thoroughly investigated. Appropriate measures should be taken to avoid skin and eye contact, inhalation, and ingestion. The material contains 0.09% sodium azide as a preservative. Although the quantity of azide is very small, appropriate care should be taken when handling this material as indicated above. The National Institute of Occupational Safety and Health has issued a bulletin citing the potential explosion hazard due to the reaction of sodium azide with copper, lead, brass, or solder in the plumbing systems. Sodium azide forms hydrazoic acid in acidic conditions and should be discarded in a large volume of running water to avoid deposits forming in metal drainage pipes.

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