Mouse Anti-Herpes Simplex Virus Type 2 Glycoprotein B MAb

Mouse, Monoclonal (HSV-2 gB)
Cat. No. DMAB3601
Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview: Monoclonal Antibody to Herpes Simplex Virus-2 (HSV-2), glycoprotein B (gB)
Specificity: HSV (II) gB antigen
Clone: 2-G-11
Isotype: IgG1
Source: Ascites
Host animal: Mouse
Format: FITC, Liquid
Applications: Suitable for use in Western blot (1:1,000), ELISA (1:1,000) and Immunofluorescence. Each laboratoryshould determine an optimum working titer for use in its particular application. Other applications have notbeen tested but use in such assays should not necessarily be excluded.
Purification: Protein A Sepharose chromatography
Affinity Constant: Not determined

REFERENCES

1. Ryan KJ, Ray CG (editors) (2004). Sherris Medical Microbiology (4th ed.). McGraw Hill. pp. 555–62. ISBN 0838585299.
2. "Herpes simplex". DermNet NZ — New Zealand Dermatological Society. 2006-09-16. Retrieved 2006-10-15.
3. Gupta R, Warren T, Wald A (2007). "Genital herpes". Lanct 370 (9605): 2127–37.

BACKGROUND

Introduction: Herpes simplex type 2 (HSV2) belongs to a family that includes HSV1, Epstein-Barr virus (EBV) and Varicella zoster (chicken pox) virus. HSV1 and HSV2 are extremely difficult to distinguish from each other. These viruses have a DNA genome, an icosahedral protein coat and are encased in a lipid membrane derived from the nuclear membrane of the last host. These viruses are capable of entering a latent phase where the host shows no visible sign of infection and levels of infectious agent become very low. During the latent phase the viral DNA is integrated into the genome of the host cell.
Keywords: Herpesviridae; Alphaherpesvirinae; Simplexvirus; Herpes simplex virus 2; HSV 2; Herpes Simplex Virus Type 2; HSV-2; GB; Glycoprotein B; Herpes simplex virus 2 glycoprotein B; Herpes simplex virus II glycoprotein B; HSVII gB; Herpesvirus 2; UL27; Herpes Simplex Virus Type 2 Glycoprotein B

PACKAGING

Concentration: 1mg/ml
Buffer: 0.01% Sodium azide
Preservative: 0.01% Sodium azide
Storage: Short term (up to 2 months) store at 2–8°C. Long term, aliquot and store at -20°C. Avoid multiple-freeze/thaw cycles.
Warning: This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive67/548/EEC in the concentration range of 0.1–1.0%. When disposing of this reagent through lead or copper-plumbing, flush with copious volumes of water to prevent azide build-up in drains.

45-16 Ramsey Road Shirley, NY 11967, USA
Tel: 631-624-4882 ·Fax:631-614-7828
E-mail: info@creative-diagnostics.com
www.creative-diagnostics.com