

Mouse Anti-Herpes Simplex Virus Type 1 & 2 Monoclonal Antibody

Mouse, Monoclonal (Herpes Simplex Virus)

Cat. No. DMAB3590

Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview: Monoclonal Antibody to Herpes Simplex Virus 1&2 (HSV 1&2)

Specificity: HSV 1&2, specific for envelope gp

Clone: A018

Isotype: IgG2a

Source: Ascites

Host animal: Mouse.

Format: FITC, Liquid

Applications: Suitable for use in Western blot and IFA. Direct FA staining of target antigen in a permissive tissue culturesystem. Acetone fixation of the antigen source is recommended prior to staining. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Purification: Purified monoclonal antibody conjugated with high purity isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product.

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". Lancet 370 (9605): 2127–37.

BACKGROUND

Introduction: Herpes simplex virus 1 and 2 (HSV-1 and HSV-2), also known as Human herpes virus 1 and 2 (HHV-1 and -2), are two members of the herpes virus family, Herpesviridae, that infect humans. [1] Both HSV-1 (which produces most cold sores) and HSV-2 (which produces most genital herpes) are ubiquitous and contagious. They can be spread when an infected person is producing and shedding the virus.

Keywords: Herpesviridae; Alphaherpesvirinae; Simplexvirus; Herpes simplex virus 1; HSV-1; Herpes simplex virus 2; HSV-2; Herpes simplex virus; HSV 1&2; Herpes Simplex Virus Type 1 & 2

PACKAGING

Concentration: 100ug/ml (OD280nm, E0.1% = 1.3)

Buffer: 0.01M PBS, pH 7.2 containing 10mg/ml BSA

Preservative: Defibrinated and delipidated

Storage: Upon receipt, 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 Directive 67/548/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.