Rabbit Anti-Herpes Simplex Virus Polyclonal Antibody

Rabbit, Polyclonal (Herpes Simplex Virus)
Cat. No. DPAB1420
Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview: Rabbit Antibody to Herpes Simplex Virus (HSV) Fluorescein conjugated
Immunogen: Strain F (human)
Specificity: ICPs + late structural (virion) antigens. Cross reacts with HSV types 1&2. Does not react with HEp-2 cells.
Host animal: Rabbit
Format: FITC, Liquid
Purification: IgG fraction covalently coupled with high purity Isomer I of fluorescein isothiocyante. Care is taken to ensure complete removal of any free fluorescein from the final product.
Applications: Suitable for use in direct IFA. 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.

PACKAGING

Concentration: 4-5mg/ml (OD280nm, $E^{0.1\%}$=1.4)
Buffer: 0.01M PBS, pH 7.2 containing 10mg/ml BSA
Preservative: 0.1% Sodium azide
Storage: Short-term (up to 6 months) store at 2-8° C under subdued light. 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 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.

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. 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; DBP; Herpes simplex virus type 1 DBP; HSV1 DBP; ICP8; UL29; Herpes Simplex Virus; HSV; Herpes simplex virus 1 (HSV-1); Herpes simplex virus 2 (HSV-2)

REFERENCES

1. Koelle DM, Corey L (2008). "Herpes simplex: insights on pathogenesis and possible vaccines". Annual Review of Medicine 59: 381–395.
2. Corey L, Wald A (2009). "Maternal and Neonatal Herpes Simplex Virus Infections". New England Journal of Medicine 361 (14): 1376–1385.

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