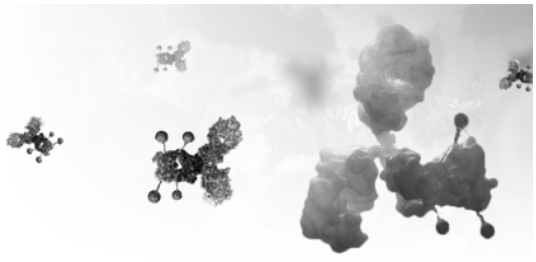

Anti-HSV type 1 Polyclonal antibody (DPAB1413)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	ICPs and late structural (virion)antigens. Cross reacts with HSV Type 2 by indirect immunofluorescence.Doesnot react with HEp-2 cells.
Target	HSV type 1
Immunogen	HSV type 1, strain F (Human)infected cell lysate
Source/Host	Goat
Species Reactivity	HSV
Purification	Purified IgG fraction covalentlycoupled with the N-Hydroxysuccinimide ester of biotin under mild conditionsto give a high degree of substitution
Conjugate	Biotin
Applications	Suitable for use withavidin and streptavidin amplification systems for IFA. Each laboratory shoulddetermine an optimum working titer for use in its particular application.Other applications have not been tested but use in such assays should notnecessarily be excluded.
Concentration	4-5mg/ml (OD280nm, E0.1%= 1.4)
Size	1 ml
Buffer	0.01M PBS, pH 7.2 This product contains nostabilizing proteins
Preservative	0.1% Sodium Azide
Storage	Short term (up to 6 months) store at 2-8°C. Long term,aliquot and store at –20°C. Avoid multiple freeze/thaw cycles.

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

BACKGROUND

Introduction

Herpessimplex type 1 (HSV-1) belongs to a family that includes HSV-2, Epstein-Barrvirus (EBV) and Varicella zoster (chicken pox) virus amongst others. HSV-1and HSV-2 are extremely difficult to distinguish from each other. Members ofthis family have a characteristic virion structure. The double stranded DNAgenome is contained within an icosahedral capsid embedded in a proteinaceouslayer (tegument) and surrounded by a lipid envelope, derived from the nuclearmembrane of the last host, which is decorated with virus-specificglycoproteins spikes. These viruses are capable of entering a latent phasewhere the host shows no visible sign of infection and levels of infectiousagent become very low. During the latent phase the viral DNA is integratedinto the genome of the host cell.

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