Product datasheet

Anti-HSV1 gC Envelope Protein antibody [3G9] ab6509

Overview

Product name: Anti-HSV1 gC Envelope Protein antibody [3G9]
Description: Mouse monoclonal [3G9] to HSV1 gC Envelope Protein
Host species: Mouse
Tested applications: Suitable for: WB, ELISA, ICC/IF
Species reactivity: Reacts with: Other species
Immunogen: Herpes Virus

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Purity: Protein A purified
Clonality: Monoclonal
Clone number: 3G9
Myeloma: NS1/1-Ag4-1
Isotype: IgG2a
Light chain type: kappa

Applications

Our Abpromise guarantee covers the use of ab6509 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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<td>WB</td>
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<td>ELISA</td>
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Herpes simplex type 1 (HSV-1) belongs to a family that includes HSV-2, Epstein-Barr virus (EBV) and Varicella zoster (chicken pox) virus amongst others. HSV-1 and HSV-2 are extremely difficult to distinguish from each other. Members of this family have a characteristic virion structure. The double stranded DNA genome is contained within an icosahedral capsid embedded in a proteinaceous layer ( tegument) and surrounded by a lipid envelope, derived from the nuclear membrane of the last host, which is decorated with virus-specific glycoproteins spikes. 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.

Western blot analysis of Vero cells mock-infected or infected with KOS at a multiplicity of infection of 10 for 1, 3, 6 and 9 hours.

HSV1 gC Envelope Protein was detected using ab6509, at 1/1000 dilution. An HRP-conjugated sheep-anti-mouse IgG (1/20000) was used as the secondary antibody.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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