Product datasheet

Anti-HSV1 antibody ab9533

Overview

Product name: Anti-HSV1 antibody
Description: Rabbit polyclonal to HSV1
Host species: Rabbit

Tested applications: Suitable for: IHC - Wholemount, IHC-P, IHC-FoFr, ICC/IF, ELISA

Immunogen: Tissue, cells or virus corresponding to HSV1. Whole rabbit corneal cells, infected with herpes simplex virus type I (strain Mac Intyre), were solubilized with detergent.

Positive control: IHC-Wm: HSV1 in cornea from pVEGFA-GFP reporter mice at day 3 post-infection with HSV1 strain McKrae. IHC-P: HSV1-infected human tissue.

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer: Preservative: 0.05% Sodium Azide
Constituents: 1% BSA
Purity: Protein A purified
Clonality: Polyclonal
Myeloma: unknown
Isotype: IgG
Light chain type: unknown

Applications

Our Abpromise guarantee covers the use of ab9533 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>IHC - Wholemount</td>
<td></td>
<td>Use at an assay dependent concentration. PubMed: 21998580</td>
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</table>
Relevance

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.

Target

Relevance

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.

Images

Formalin-fixed, paraffin-embedded HSV1-infected human tissue stained for HSV1 with ab9533 in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HSV1 antibody (ab9533)
ab9533, staining HSV1 in cornea from pVEGFA-GFP reporter mice at day 3 post-infection with HSV1 strain McKrae.

Corneas were fixed in 4% paraformaldehyde, and washed with PBS containing 1% Triton X-100 before being stained with primary antibody. A Dylight®549-conjugated donkey anti-rabbit IgG was used as the secondary antibody.

Formalin-fixed, paraffin-embedded HSV1-infected human tissue stained for HSV1 with ab9533 in immunohistochemical analysis.

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