

Product datasheet

Anti-HSV1 antibody [T96] ab8230

3 References

Overview

Product name	Anti-HSV1 antibody [T96]
Description	Mouse monoclonal [T96] to HSV1
Host species	Mouse
Specificity	Recognizes gC antigen of HSV type 1.
Tested applications	Suitable for: ELISA, ICC/IF, IP, WB
Immunogen	Extract of HSV-1 infected VERO (green monkey kidney) cells.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 15mM Sodium Azide Constituents: PBS, pH 7.4
Purity	>95% by SDS-PAGE
Purification notes	Purified from ascites using precipitation methods and DEAE-chromatography.
Clonality	Monoclonal
Clone number	T96
Isotype	IgG2b

Applications

Our [Abpromise guarantee](#) covers the use of **ab8230** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		
ICC/IF		

Application	Abreviews	Notes
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IP

WB

Application notes

ELISA: Use at an assay dependant concentration.
 IF: Use at an assay dependant concentration. The antibody binds to the surface of infected cells.
 IP: Use at an assay dependant concentration.
 WB: Use at an assay dependant concentration.

Not tested in other applications.
 Optimal dilutions/concentrations should be determined by the end user.

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.

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