Data Sheet (Cat.No.TMAB-00854)

Anti-HHV11 ICP22 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	(predicted:Herpes Simplex Virus)
Molecular Weight:	Theoretical: 46 kDa.
Purification:	Protein A purified

Applications

Application:	ELISA,ICC/IF,IF,IHC-Fr,IHC-P,WB
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; ICC/IF: 1:100-500; IF: 1:100-500; ELISA: 1:5000-10000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human HHV-1
Antigen Species:	HHV-1
Synonyms:	Human herpesvirus type 1;Herpes simplex virus 1;Human herpesvirus 1;Transcriptional regulator ICP22;Infected cell protein 22;ICP22.;Immediate-early protein IE68;Herpes Simplex Virus Type 1;Herpes Simplex Virus;ICP22_HHV11;HSV 1
Biology Area:	Cell division,Tumor biomarkers,Other cell division antibodies,DNA Synthesis,Energy Metabolism,Tumor Associated

Research Background

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.

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