HSV1 gD antibody HRP Conjugated

Catalog No: #C92924H

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Description

Product Name	HSV1 gD antibody HRP Conjugated
Brief Description	Rabbit Polyclonal
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity purified by Protein A.
Applications	WB ELISA IHC-P IHC-F ICC
Immunogen Type	Peptide
Immunogen Description	peptide derived from human HSV1 gD, strain Angelotti
Conjugates	HRP
Target Name	HSV1 gD
Uniprot	Q15431.2
Calculated MW	41kDa
Concentration	1mg/ml
Formulation	Liquid in 0.01M TBS (pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Store at +4°C for short term. Store at -20°C for long term. Avoid freeze/thaw cycle.

Application Details

WB 1:500-2000, ELISA 1:100-1000, IHC-P 1:50-200, IHC-F 1:50-200, ICC 1:50-200

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. Glycoprotein D (gD) has been implicated in binding to cellular receptors that facilitate virus penetration into cells. Herpes simplex virus type 1 (HSV-1) glycoprotein D (gD) is an essential component of the entry apparatus that is responsible for viral penetration and subsequent cell-cell spread.

Note: This product is for in vitro research use only