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12-8374: Anti-Herpes Simplex Virus, gD (HSV-7315)

Clonality :	Monoclonal
Clone Name :	HSV-7315
Application :	ELISA
Alternative Name :	Hybridoma Monoclonal Antibody
Isotype :	Mouse IgG2a

Description

Specificity: Anti-HSV (Clone HSV-7315) has known reactivity for glycoprotein D (gD) of HSV 1 & 2.
Antigen: Glycoprotein D, gD
Background: Herpes simplex virus type 1 (HSV-1) and type 2 (HSV-2) are two closely related enveloped DNA viruses that are members of the Herpesviridae family of viruses. HSV is a neurotropic virus that initially infects and replicates in epithelial cells of the mucosal epithelium before it establishes lifelong latent infection within sensory neurons. While both viruses can cause genital infection, HSV-2 is most often the cause of these infections. HSV-1 is typically spread during childhood and has a global prevalence of about 90%. Both viruses can be spread to other tissues via contact with infected skin or mucous membranes. Glycoprotein D (gD) is the major receptor binding protein of HSV and binds to at least one of the three known entry receptors: herpesvirus entry mediator (HVEM), nectin-1, and 3-O sulfated heparan sulfate.

Product Info

Amount :	250µg
Purification :	Purity :>=90% Preparation : This monoclonal antibody is purified by protein A chromatography or sequential differential precipitations.
Content :	Concentration: >=1.0 mg/ml Formulation: Formulated in 0.01 M phosphate buffered saline, pH 7.2 and contains 0.1% sodium azide. Due to inherent biochemical properties of antibodies, certain products may be prone to precipitation over time. Precipitation may be removed by aseptic centrifugation and/or filtration.
Storage condition :	This purified antibody is stable when stored at 2-8°C.?Do not freeze.

Application Note

ELISA: 1:20-1:200, Lateral Flow, IF: 1:10-1:50

For Research Use Only. Not for use in diagnostic/therapeutics procedures.