



Anti-HSV type 2 Monoclonal antibody, Clone ISVA34 (DMAB3605)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Herpes simplex virus (HSV), type 2. Reacts with 56-64kD band corresponding to glycoprotein D band in immunoblotting of purified HSV under reduced conditions and with 120-140kD band in immunoblotting of HSV-infected Vero cell lysates under non-reduced cond
Target	HSV type 2
Immunogen	Purified Herpes Simplex Virus from strain BH
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	HSV
Clone	ISVA34
Affinity Constant	Not determined
Purification	95% pure. Protein G Sepharose chromatography. Purity is tested by electrophoresis.
Conjugate	Unconjugated
Applications	Suitable for use in ELISA and Western blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Purified, Liquid
Concentration	4.8mg/ml (OD280nm, E 0.1% = 1.4)
Size	1 mg

Buffer	PBS, pH 7.4
Preservative	0.1% Sodium Azide
Storage	Store at 2-8°C

BACKGROUND

Introduction Herpes simplex type 2 (HSV2) belongs to a family that includes HSV1, Epstein-Barr virus (EBV) and Varicella zoster (chickenpox) virus. HSV1 and HSV2 are extremely difficult to distinguish from each other. These viruses have a DNA genome, an icosahedral protein coat and are encased in a lipid membrane derived from the nuclear membrane of the host cell. 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.

Keywords Herpesviridae; Alphaherpesvirinae; Simplexvirus; Herpes simplex virus 2; HSV 2; Herpes Simplex Virus Type 2; HSV-2; Glycoprotein D precursor; Herpes Simplex Virus Type 2 Glycoprotein D; HHV2gp69; Herpesvirus 2; US6; Virion glycoprotein D; HSV-2 gD