



## Anti-HSV type 2 Monoclonal antibody, Clone A611 (DMAB3608)

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

### PRODUCT INFORMATION

<b>Specificity</b>	Specific for HSV-2 gG. Does not react with HSV-1 gG.
<b>Target</b>	HSV type 2
<b>Immunogen</b>	Infected cell lysate
<b>Isotype</b>	IgG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	HSV
<b>Clone</b>	A611
<b>Affinity Constant</b>	Not determined
<b>Purification</b>	90% pure. Protein A chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Suitable for use in IFA. Each laboratory should determine an optimum working titer for use in its particular application. A starting range of 1:10 to 1:50 is suggested for IFA. 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.
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	100ug/ml (OD280nm, E0.1% = 1.3)
<b>Size</b>	1 mg

<b>Buffer</b>	0.01M PBS, pH 7.2. This product contains no stabilizing proteins.
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	Upon receipt, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

## 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; GG; Herpes Simplex Virus Type 2 Glycoprotein G; Herpes simplex virus 2; Herpesvirus 2; Glycoprotein G; Glycoprotein G; HSV-2 gG; Herpes simplex virus 2 glycoprotein G; HHV2 gG envelope protein; US4