



# Mouse Anti-HSV gB Monoclonal Antibody, clone I237 (CABT-CS406)

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

## PRODUCT INFORMATION

<b>Specificity</b>	Reactive with gB of Herpes Simplex Virus in immunofluorescence (IFA) and western blot at 10 µg/ml.
<b>Target</b>	HSV gB
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	HSV
<b>Clone</b>	I237
<b>Purification</b>	Protein G agarose affinity chromatography
<b>Conjugate</b>	unconjugated
<b>Applications</b>	IF, WB
<b>Format</b>	Liquid
<b>Concentration</b>	1 mg/mL
<b>Size</b>	500 µg
<b>Buffer</b>	Phosphate Buffered Saline (PBS) pH 7.4
<b>Preservative</b>	None
<b>Storage</b>	This product is supplied frozen on dry ice. Upon receipt, store at -20°C. Avoid multiple freeze-thaw cycles as product degradation may result.

# BACKGROUND

**Introduction**

Herpesvirus glycoprotein B is a viral glycoprotein that is involved in the viral cell entry of Herpes simplex virus (HSV). Herpesviruses have a lipid bilayer, called the envelope, which contains twelve surface glycoproteins. For infectivity to be attained, the double stranded DNA genome of HSV must enter the host cell through means of fusion of its envelope with the cellular membrane or via endocytosis.

**Keywords**

HSV gB; HSV Glycoprotein B; HSV