

## Anti-gB (HSV-2) Mouse Monoclonal Antibody

CATALOG NO. HSV2-gB-125

<b>Introductions</b>	Human herpes simplex viruses 1 and 2 (HSV-1 and HSV-2) , are large DNA viruses with double-stranded, linear DNA genome encased within an icosahedral protein cage called the capsid, which is wrapped in a lipid bilayer called the envelope. HSV encode s up to 12 predicted glycoproteins (gL, gM, gH, gB, gC, gG, gD, gI, gE and gN etc) that serve various functions, including cellular attachment, entry, and egress. Glycoprotein G is currently the target of an antibody test to differentiate HSV-1 from HSV-2.
<b>Applications</b>	ELISA, IP, IF, etc
<b>Description</b>	Mouse anti-gB (HSV-2) monoclonal antibody
<b>Immunogen</b>	Genetic immunization with an expression plasmid carrying ectodomain of HSV-2 gB protein (aa 23-767) (GenBank accession#: ADG45140)
<b>Isotype</b>	IgG2b
<b>Clone Number</b>	IT-D7
<b>Specificity</b>	Detects gB of HSV-2 specifically, but not HSV-1.
<b>Purification</b>	Protein G chromatography
<b>Storage</b>	Store at -20 °C (up to one year at least from date of shipment); Stable for at least 1 month from the date of shipment at 4 °C.
<b>Size</b>	100 µg in PBS with 40% glycerol
<b>Usage</b>	This product does not contain livestock or poultry disease agents, non-toxic, non-contagious and is not intended for human use, only for laboratory research and development.

