

Anti-gG (HSV-2) Mouse Monoclonal Antibody

CATALOG NO. HSV2-gG-133

Introductions	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.
Applications	ELISA, IP, IF, etc
Description	Mouse anti-gG (HSV-2) monoclonal antibody
Immunogen	Genetic immunization with a expression plasmid carrying ectodomain of HSV-2 gG protein (aa 26-310) (GenBank accession#: CAB06713)
Isotype	IgG2a
Clone Number	IT-A9
Specificity	Detects gG of HSV-2 specifically, but not HSV-1.
Purification	Protein G chromatography
Storage	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.
Size	100 µg in 100 µL PBS with 40% glycerol
Usage	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.

