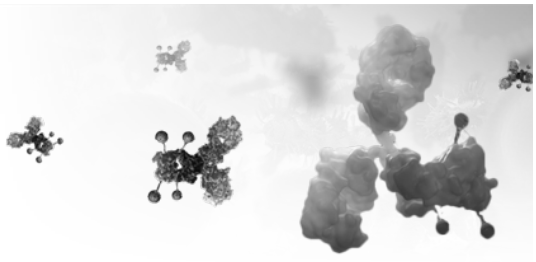

Mouse Anti-HSV 1/2 gB Monoclonal antibody, Clone U222 (CABT-CS824)

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

PRODUCT INFORMATION

Specificity	The antibody recognizes gB antigen of both HSV1 and HSV2 (Herpes Simplex Virus type 1 and 2), a dsDNA virus, member of Herpesviridae family.
Target	HSV gB
Immunogen	Exctract of HSV-1 infected VERO (green monkey kidney) cells.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	HSV
Clone	U222
Conjugate	unconjugated
Applications	ICC, ELISA
Format	Liquid
Size	100 µg
Buffer	PBS, pH 7.4, 15 mM Sodium Azide
Preservative	None
Storage	Store at 2°C to 8°C. Do not freeze.

BACKGROUND

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Introduction	Human herpes simplex virus (HSV), also known as human herpes virus (HHV), is a large enveloped double stranded DNA virus that belongs to the Herpesviridae family, subfamily Alphaherpesvirinae. Human HSV exists as two distinct serotypes, herpes simplex virus type -1 (HSV-1) and type -2 (HSV-2). Both HSV-1 and HSV-2 are neurotrophic viruses that invade the central nervous system (CNS), where they replicate, and have the capacity to establish a latent infection. HSV entry into the host cell requires viral glycoproteins gB, gD, gH and gL. Glycoprotein D (gD) is a structural component of the HSV envelope that has receptor binding activity and can bind specific proteins which mediate viral entry into the host cell.
Keywords	HSV gB; HSV Glycoprotein B; HSV1 gB; HSV2 gB; HSV 1 gB; HSV 2 Gb

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