



Magic™ Mouse Anti-HSV (type 1, 2) gD Monoclonal antibody, clone HS05 (DMAB- CS23136)

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

PRODUCT INFORMATION

Specificity	glycoprotein D of HSV type 1 and 2
Target	HSV gD
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	HSV
Clone	HS05
Conjugate	unconjugated
Applications	ELISA, LFIA (Det), IF
Format	Liquid
Size	1 ml
Buffer	0.01M PBS, pH 7.2 with 0.1% sodium azide
Preservative	0.1% sodium azide
Storage	Be stored at 2-8°C until use

BACKGROUND

Introduction

Herpesvirus infections are widely spread throughout the world population. Herpes simplex virus (HSV) belongs to the α -herpesvirus subfamily. There are two main types of HSV, HSV-1 and HSV-2, which infect humans. HSV-2 mainly causes genital lesions, whereas HSV-1 is involved in both oral and genital infections. Glycoprotein D (gD) is a structural component of the herpes simplex virus type 1 (HSV-1) envelope which is essential for virus entry and fusion with host cells. gD plays an important role by binding to the host receptors such as herpes virus entry mediator (HVEM) and nectin-1, a member of the immunoglobulin (Ig)-like cell adhesion molecules.

Keywords

Herpes simplex virus; HSV; Herpes simplex virus Glycoprotein D; HSV Glycoprotein D; HSV gD; HSV-1; HSV 1; HSV-2; HSV 2; HSV-1 gD; HSV-2 gD; HSV 1/2 Gd