



# Anti-HSV type 1, 2 Glycoprotein D Monoclonal antibody, Clone C287M (DMAB3581)

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

## PRODUCT INFORMATION

<b>Specificity</b>	Glycoprotein D (gD) of HSV 1 & HSV 2
<b>Target</b>	HSV type 1, 2 Glycoprotein D
<b>Immunogen</b>	HSV 1 (strains HFEM & SC16) HSV 2 (strains 333 & 25766)
<b>Isotype</b>	IgG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	HSV
<b>Clone</b>	C287M
<b>Affinity Constant</b>	Not determined
<b>Purification</b>	90% pure (SDS-PAGE). Protein A chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	<p>The antibody pairs with Catalog #C01294M in sandwich ELISA for HSV. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. Recommended pairs for sandwich immunoassay:</p> <ul style="list-style-type: none"> <li>• <b>Capture</b>  <a href="#">DMAB3581</a>  <a href="#">DMAB3582</a> </li> <li>• <b>Detection</b></li> </ul>

[DMAB3582](#)

[DMAB3581](#)

Suggested pair for testing (Capture - Detection): DMAB3581 - [DMAB3582](#)

<b>Format</b>	Purified, Liquid
<b>Concentration</b>	9.66mg/ml (OD280nm, E0.1%= 1.36)
<b>Size</b>	1 mg
<b>Buffer</b>	PBS, pH 7.5
<b>Preservative</b>	15mM Sodium Azide
<b>Storage</b>	Store at 2-8°C.

## BACKGROUND

<b>Introduction</b>	<a href="#">Herpes simplex virus 1 and 2 (HSV-1 and HSV-2), also known as Human herpes virus 1 and 2 (HHV-1 and -2), are two members of the herpesvirus family, Herpesviridae, that infect humans.[1] Both HSV-1 (which produces most cold sores) and HSV-2 (which produces most genital herpes) are ubiquitous and contagious. They can be spread when an infected person is producing and shedding the virus.</a>
<b>Keywords</b>	Herpesviridae; Alpha herpesvirinae; Simplexvirus; Herpes simplex virus 1; HSV-1; Herpes simplex virus 2; HSV-2; Herpes simplex virus; HSV 1&2; Herpes Simplex Virus Type 1 & 2; HSV1 + HSV2 gD; Envelope glycoprotein D; GD; Glycoprotein D; US6