



# Mouse Anti-HSV gB Monoclonal antibody, clone GYH78 (CABT-RM219)

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

## PRODUCT INFORMATION

|                    |  |
|--------------------|--|
| Specificity        | gB   |
| Target             | HSV gB                                       |
| Isotype            | IgG2a, kappa                                 |
| Source/Host        | Mouse  |
| Species Reactivity | HSV  |
| Clone              | GYH78  |
| Purification       | Protein G Purified                           |
| Conjugate          | unconjugated                                 |
| Applications       | WB, IFA                                      |
| Format             | Liquid                                       |
| Size               | 500 µg                                       |
| Buffer             | 10 mM Phosphate Buffered Saline, pH 7.4      |
| Preservative       | None   |
| Storage            | ≤-20°C. Avoid repeated freezing and thawing. |
| Ship               | Cold Packs                                   |

## BACKGROUND

**Introduction**

Herpes simplex virus 1 and 2 (HSV-1 and HSV-2) are two members of the human Herpesviridae family, a set of viruses that produce viral infections in the majority of humans. Both HSV-1 (which produces most cold sores) and HSV-2 (which produces most genital herpes) are common and contagious. They can be spread when an infected person begins shedding the virus. About 67% of the world population under the age of 50 has HSV-1. In the United States more than one in six people have HSV-2. Although it can be transmitted through any intimate contact, it is one of the most common sexually transmitted infections.

**Keywords**

Herpes simplex virus; HSV; HSV gB; Herpes simplex virus glycoprotein B