

BP1030HRP**Polyclonal Antibody to Herpes Simplex Virus 2 / HSV2 - HRP****Alternate names:**

HHV2

Quantity:

1 ml

Concentration:

1-2 mg/ml (OD280 nm, E0.1% = 1.4)

Background:

Herpes simplex type 2 (HSV2) belongs to a family that includes HSV1, Epstein-Barr virus (EBV) and Varicella zoster (chicken pox) virus. HSV1 and HSV2 are extremely difficult to distinguish from each other. These viruses have a DNA genome, an icosahedral protein coat and are encased in a lipid membrane derived from the nuclear membrane of the last host. These viruses are capable of entering a latent phase where the host shows no visible sign of infection and levels of infectious agent become very low. During the latent phase the viral DNA is integrated into the genome of the host cell.

Host:

Sheep

Immunogen:

HSV Type 2 Strain G (human)

Format:**State:** Liquid purified Ig fraction.**Buffer System:** PBS containing 10 mg/ml BSA as stabilizer and 0.002% Thimerosal as preservative.**Label:** HRP*Molar Ratio:* HRP:IgG substitution is 2-3.**Applications:**

Suitable for IFA, immunoblotting and ELISA applications.

A starting range of 1:20 - 1:200 is recommended for blotting and 1:200 - 1:1,000 for ELISA.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

ICPs + late structural (virion) antigens.

Cross-reacts with HSV Type 1 titer is 1:512 by Indirect IFA.

Does not react with HEp-2 cells.

Storage:

Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

Caution:

Use of sodium azide as a preservative will substantially inhibit the enzyme activity of horseradish peroxidase.