

Datasheet: 4956-0104

Description:	GOAT ANTI HERPES SIMPLEX VIRUS 1/2
Specificity:	HERPES SIMPLEX VIRUS 1/2
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 ml

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Immunofluorescence	■			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

Target Species	Viral
Product Form	Purified IgG - liquid
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.1% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 4.0 mg/ml
Immunogen	Human HSV type 1, Strain F

Specificity

Goat anti Herpes simplex Virus 1/2 antibody reacts with Herpes Simplex virus 1 and 2 and recognizes the ICPs and late structural (virion) antigens. Goat anti Herpes simplex Virus 1/2 antibody does not react with HEp-2 cells.

Herpes Simplex virus (HSV) is a double stranded DNA virus of which there are 2 types, HSV1 and HSV2. HSV1 usually establishes latency in the trigeminal ganglion, a collection of nerve cells near the ear. From the trigeminal ganglion, it tends to recur on the lower lip or face causing cold sores. HSV2 usually resides in the sacral ganglion at the base of the spine. From there, it recurs in the genital area.

References

1. Sufiawati, I. and Tugizov, S.M. (2014) HIV-associated disruption of tight and adherens junctions

- of oral epithelial cells facilitates HSV-1 infection and spread. [PLoS One. 9: e88803.](#)
2. Civitelli, L. *et al.* (2015) Herpes simplex virus type 1 infection in neurons leads to production and nuclear localization of APP intracellular domain (AICD): implications for Alzheimer's disease pathogenesis. [J Neurovirol. Apr 30. \[Epub ahead of print\]](#)
3. Marocco, M.E. *et al.* (2018) The amphibian antimicrobial peptide temporin B inhibits *in vitro* herpes simplex virus type 1 infection. [Antimicrob Agents Chemother. Feb 26 \[Epub ahead of print\].](#)

Storage	Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Shelf Life	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet documentation #10303 available at: 10303: https://www.bio-rad-antibodies.com/uploads/MSDS/10303.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
----------------------------------	---	------------------	---	---------------	---

'M318066:180718'

Printed on 01 Aug 2018