

Product Datasheet

KSHV ORF26 Antibody (2F6B8) NBP1-47357

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 10

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-47357

Updated 1/11/2026 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-47357



NBP1-47357**KSHV ORF26 Antibody (2F6B8)**

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2F6B8
Preservative	0.03% Sodium Azide
Isotype	IgG1
Purity	Ascites
Buffer	Ascites

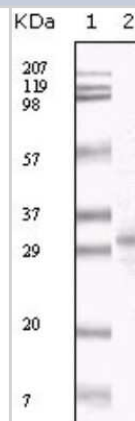
Product Description	
Description	Novus Biologicals Mouse KSHV ORF26 Antibody (2F6B8) (NBP1-47357) is a monoclonal antibody validated for use in WB and ELISA. Anti-KSHV ORF26 Antibody: Cited in 9 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	4961509
Gene Symbol	ORF26
Species	Virus
Reactivity Notes	Kaposi's sarcoma herpes virus
Immunogen	Purified recombinant fragment of KSHV ORF26 expressed in E. Coli.

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA 1:10000

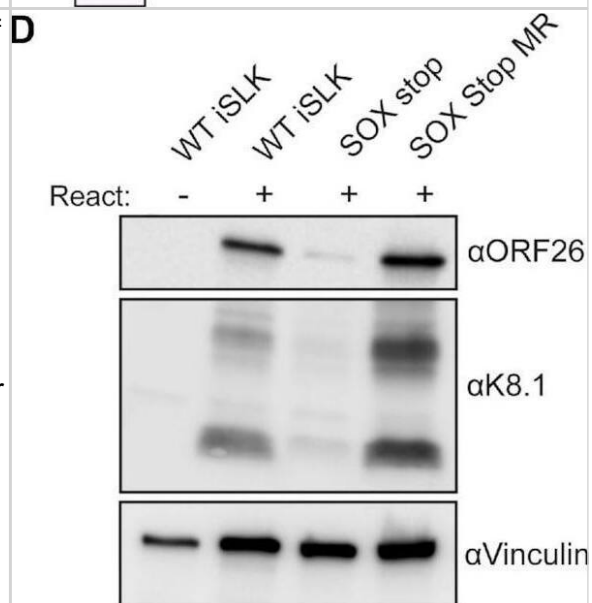


Images

Western Blot: KSHV ORF26 Antibody (2F6B8) [NBP1-47357] - Analysis using KSHV ORF26 mouse mAb against TPA induced BCBL-1 cell lysate.



KSHV lacking SOX produces fewer infectious virions. (A) Western blot of whole cell lysates from iSLK cells containing a KSHV mutant that does not express SOX (SOX stop) or a mutant rescue version of KSHV where SOX expression is restored (SOX stop MR). Lysates were harvested 72 hours post lytic reactivation and blotted with an anti-SOX antibody. Vinculin serves as a loading control. (B, C) RT-qPCR was used to measure the RNA levels of several host (B) or viral (C) transcripts at 48 hours post-reactivation in iSLK cell lines containing the indicated WT or mutant KSHV. Transcript levels were normalized to 18S and to the WT iSLK unreactivated population for (B) for the WT iSLK reactivated population (C). A minimum of three biological replicates are shown. The peak timing of each of the viral genes' expression is indicated below their name (57). (D) Western blot of lysates from the indicated iSLK cell lines that were either unreactivated or reactivated for 48 hours showing expression of late viral proteins ORF26 and K8.1. Vinculin is used as a loading control. (E) RT-qPCR was used as in (C) to measure the levels of the indicated viral transcripts, but in the presence of 500 mM of the viral DNA replication inhibitor phosphonoacetic acid (PAA). * $P \leq 0.05$, one-way ANOVA followed by Dunnett's multiple comparisons test versus WT iSLK. (F) Infectious virion production was measured by flow cytometry on 1×10^6 293T cells infected with 1 ml of supernatant from 1×10^6 reactivated iSLKs. Bars represent the percentage of naive 293T cells that became GFP positive after 24 hours. Data are from a minimum of four independent biological replicates. **** $P \leq 0.001$, one-sample t test versus hypothetical value of 1. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/36537232>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Harrington E, Murphy J, Harper K et al. EMG1 methyltransferase activity affects ribosome occupancy at KSHV uORFs. *Cell reports* 2025-04-10 [PMID: 40215162]

Fiches GN, Wu Z, Zhou D et al. Polyamine biosynthesis and eIF5A hypusination are modulated by the DNA tumor virus KSHV and promote KSHV viral infection *PLOS Pathogens* 2022-04-29 [PMID: 35486659] (Western Blot, Human)

Hartenian E, Mendez AS, Didychuk AL et al. DNA processing by the Kaposi's sarcoma-associated herpesvirus alkaline exonuclease SOX contributes to viral gene expression and infectious virion production *Nucleic Acids Research* 2023-01-11 [PMID: 36537232] (Western Blot, Human)

McCollum C, Didychuk A, Liu D et al. The viral packaging motor potentiates late gene expression in Kaposi's sarcoma-associated herpesvirus *bioRxiv* 2023-02-01 [PMID: 37068108] (Western Blot, Virus)

Golas G, Jang S, Naik N, et al. Comparative analysis of the viral interferon regulatory factors of KSHV for their requisite for virus production and inhibition of the type I interferon pathway *Virology* 2020-02-15 [PMID: 32056714]

Chen J, Dai L, Goldstein A et al. Identification of new antiviral agents against Kaposi's sarcoma-associated herpesvirus (KSHV) by high-throughput drug screening reveals the role of histamine-related signaling in promoting viral lytic reactivation *PLoS Pathog.* 2019-12-01 [PMID: 31790497] (WB)

Didychuk AL, CastaNeda AF, Kushnir LO et al. Conserved Cxnc motifs in Kaposi's sarcoma-associated herpesvirus ORF66 are required for viral late gene expression and are essential for its interaction with ORF34 *J. Virol.* 2019-10-02 [PMID: 31578296]

Golas G, Alonso JD, Toth Z Characterization of de novo lytic infection of dermal lymphatic microvascular endothelial cells by Kaposi's sarcoma-associated herpesvirus *Virology* 2019-07-31 [PMID: 31394409] (WB, Human)

Haque M, Kousoulas KG The KSHV ORF34 protein Interacts and Stabilizes HIF-2 alpha via Binding to the HIF-2 alpha bHLH and PAS Domains *J. Virol.* 2019-06-12 [PMID: 31189709]

Papp B, Motlagh N, Smindak RJ et al. Genome-wide identification of direct RTA targets reveals key host factors for KSHV lytic reactivation *J. Virol.* 2018-12-12 [PMID: 30541837] (WB, Human)





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-47357

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-47357

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

