

Product Datasheet

ORF73/HHV8 Antibody (4C11) - BSA Free NBP1-30176

Unit Size: 0.1 ml

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

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NBP1-30176

ORF73/HHV8 Antibody (4C11) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4C11
Preservative	0.02% Sodium Azide
Isotype	IgG2a Kappa
Purity	Protein G purified
Buffer	PBS (pH 7.4), 10% Glycerol

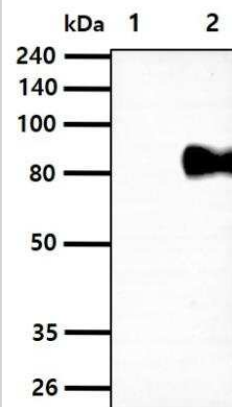
Product Description	
Host	Mouse
Gene ID	4961527
Gene Symbol	HHV8GK18_gp81
Species	Virus
Reactivity Notes	Human herpesvirus 8 (HHV-8) (Kaposi's sarcoma-associated herpesvirus)
Immunogen	Recombinant human ORF73/HHV8 (122-329aa) purified from E. coli (AAB62657).

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000-1:2000, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:50
Application Notes	Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID 24422998)

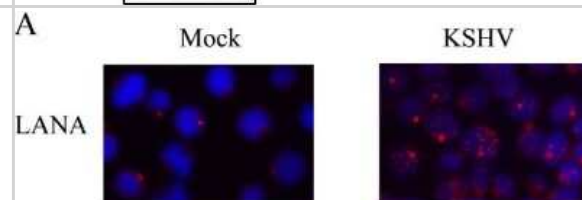


Images

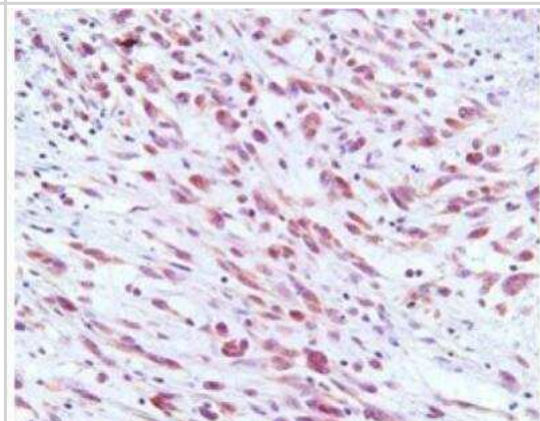
Western Blot: ORF73/HHV8 Antibody (4C11) [NBP1-30176] - The cell lysates were resolved by SDS-PAGE, transferred to PVDF membrane and probed with NBP1-30176. Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: 293T cell lysate (40ug). Lane 2.: ORF73/HHV8-MBP tag Transfected 293T cell lysate (5ug)



Immunocytochemistry/Immunofluorescence: ORF73/HHV8 Antibody (4C11) [NBP1-30176] - Hyperphosphorylation of Akt induced by KSHV (ORF73/HHV8) in THP-1 infected cells is resistant to Bortezomib treatment. Immunofluorescence of mock and KSHV-infected THP-1 cells with anti-LANA antibodies. Typical LANA staining (intranuclear red punctuation) is visible in cells latently infected by KSHV. The counterstaining of THP-1 DNA with DAPI (blue) is shown. Image collected and cropped by CiteAb from the following publication (<https://jeccr.biomedcentral.com/articles/10.1186/1756-9966-32-79>) licensed under a CC-BY license.



Immunohistochemistry-Paraffin: ORF73/HHV8 Antibody (4C11) [NBP1-30176] - IHC analysis of Kaposi's sarcoma tissue using antibody (1:50) for 2 hours at room temperature. Antigen retrieval was performed in 0.1M sodium citrate buffer and detected using Diaminobenzidine (DAB).



Publications

Gonnella R, Santarelli R, Farina A et al. Kaposi sarcoma associated herpesvirus (KSHV) induces AKT hyperphosphorylation, bortezomib-resistance and GLUT-1 plasma membrane exposure in THP-1 monocytic cell line Journal of Experimental & Clinical Cancer Research 2013-12-01 [PMID: 24422998] (Block/Neutralize, Immunocytochemistry/ Immunofluorescence)

Moodad SH VIRALLY-INDUCED HEMATOLOGICAL MALIGNANCIES WITH DISMAL PROGNOSIS: IMPACT OF EPIGENETICS AND POTENTIAL THERAPEUTICS Thesis 2021-01-01 (WB)

Moodad S, El Hajj R, Hleihel R et al Lenalidomide in Combination with Arsenic Trioxide: an Effective Therapy for Primary Effusion Lymphoma Cancers (Basel) 2020-09-05 [PMID: 32883022] (WB, WB)

Details:

Citation using the HRP version of this antibody.

Kwun HJ, Toptan T, Ramos da Silva S et al. Human DNA tumor viruses generate alternative reading frame proteins through repeat sequence recoding. Proc. Natl. Acad. Sci. U.S.A. 2014-10-14 [PMID: 25271323] (WB)

Gonnella R, Santarelli R, Farina A et al. Kaposi sarcoma associated herpesvirus (KSHV) induces AKT hyperphosphorylation, bortezomib-resistance and GLUT-1 plasma membrane exposure in THP-1 monocytic cell line. J Exp Clin Cancer Res 2013 Oct 23 [PMID: 24422998] (ICC/IF, Human)





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Products Related to NBP1-30176

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NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)

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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.

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