

Mouse anti-Human ORF73/HHV8 Monoclonal Antibody | anti-ORF73/HHV8 antibody

ORF73/HHV8 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48051	Mouse	Human	Immunohistochemistry, Western Blot, ELISA

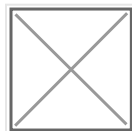
PRODUCT SYNONYMS

ORF73/HHV8; Monoclonal Antibody; ORF73/HHV8 antibody; Human herpesvirus 8 ORF73; Kaposi's sarcoma-associated herpesvirus; anti-ORF73/HHV8 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a, k
Clone Number	AT4C11
Purity/Purification	By protein-G affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1mg/ml (determined by BCA assay) (varies by lot)
Sequence Length	1089
Applicable Applications for anti-ORF73/HHV8 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human ORF73/HHV8 (122-329aa) purified from E. coli
Clone Note	Anti-human ORF73/HHV8 mAb, clone AT4C11, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human ORF73/HHV8 protein.
Usage	The antibody has been tested by ELISA, Western blot and IHC analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results.
Preparation and Storage	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.

IMAGES



WB (Western Blot)

The cell lysates were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human MBP antibody (1:1000). 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)



WB (Western Blot)

The cell lysates were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human ORF73/HHV8 antibody (1:1000). 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)



IHC (Immunohistochemistry)

Paraffin embedded sections of Kaposi's sarcoma tissue were incubated with anti-ORF73/HHV8 (1:50) for 2 hours at room temperature. Antigen retrieval was performed in 0.1M sodium citrate buffer and detected using Diaminobenzidine (DAB)



WB (Western Blot)

Transfected and non-transfected 293T cell lysates were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-ORF73/HHV8 (1:1,000) and anti-MBP (1:1,000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

ADDITIONAL INFORMATION

Related Product Information for anti-ORF73/HHV8 antibody	ORF73 protein of human herpesvirus 8 (HHV-8) is a kaposi's sarcoma-associated herpesvirus (kSHV) latent protein which has been suspected of playing a crucial role in modulating viral and cellular gene expression. ORF73 is associated with cellular chromatin and stays on the chromosomes during cell division. It maintains the viral genomes during cell division by tethering the viral episomes to the chromosomes. It binds directly to replication origin recognition complexes (ORCs) that are primarily associated with the terminal repeat (TR) region of the HHV-8 genome.
Product Categories/Family for anti-ORF73/HHV8 antibody	Neuroscience
References	kedes D.H., et al. (1997) Journal of Clinical Investigation. 100: 2610-2606.; Verma SC., et al (2006) Journal of Virology 80: 3445-3458.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2246532
UniProt Accession #	O40947
NCBI Official Full Name	ORF 73
UniProt Protein Name	ORF 73

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/orf73-hhv8-antibody-clone-at4c11-immunohistochemistry-western-blot-elisa/48051>