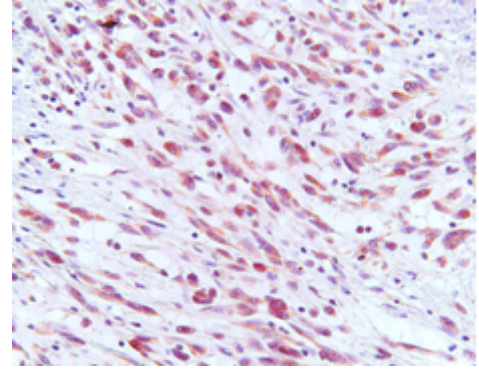


AM09074PU-S**Monoclonal Antibody to Herpes Virus Type 8 / HHV8 ORF73 - Purified**

Alternate names:	HHV-8, Human herpesvirus 8 type P ORF73 protein, Kaposi's sarcoma-associated herpesvirus encoded protein ORF73, LANA-1, LNA, LNA1, ORF-73
Quantity:	50 µl
Concentration:	1.0 mg/ml
Background:	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.
Uniprot ID:	Q9QR71
NCBI:	YP_001129431
GeneID:	4961527
Host / Isotype:	Mouse / IgG2a
Recommended Isotype Controls:	AM03096PU-N
Clone:	AT4C11
Immunogen:	Recombinant Human ORF73/HHV8 (122-329 aa) purified from E. coli
Format:	State: Liquid purified Ig fraction Buffer System: PBS, pH 7.4 containing 0.02% Sodium Azide and 10% Glycerol
Applications:	ELISA. Western blot (1/1000-1/2000). Immunohistochemistry on Paraffin Embedded Sections (1/50-1/100). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	The antibody recognizes the ORF73 protein of Human herpesvirus 8 (HHV-8). Other species not tested.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Kedes D.H., et al. (1997) Journal of Clinical Investigation. 100: 2610–2606. 2. Verma SC, Lan K, Choudhuri T, Robertson ES. Kaposi's sarcoma-associated herpesvirus-encoded latency-associated nuclear antigen modulates K1 expression through its cis-acting elements within the terminal repeats. J Virol. 2006 Apr;80(7):3445-58. PubMed PMID: 16537612.

Pictures:

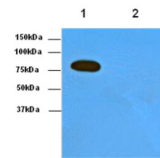
Immunohistochemistry: Paraffin embedded sections of Kaposi's carcinoma tissue were incubated with anti-ORF73/HHV8 (1:50) for 2 hours at room temperature. Antigen retrieval was performed in 0.1 M sodium citrate buffer and Diaminobenzidine (DAB) was used for detection.



Western blot analysis: 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.

Lane 1: 293T cell lysate transfected with ORF73/HHV8 (122-329aa-MBP tagged), Lane 2: Non-transfected 293T cell lysate.

A : ORF73/HHV8 clone AT4C11 antibody



B : MBP antibody

