

Mouse KSHV ORF45 Antibody | anti-KSHV ORF45 antibody

KSHV ORF45 Antibody

CATALOG # AAA108710	HOST Mouse	APPLICATIONS ELISA, Immunofluorescence, Western Blot
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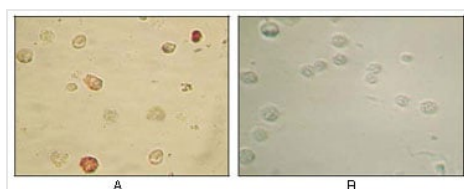
PRODUCT SYNONYMS

KSHV ORF45; KSHV ORF45 Antibody; ORF45; anti-KSHV ORF45 antibody

PRODUCT SPECIFICATIONS

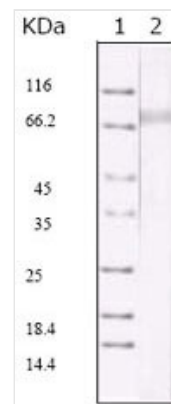
Host	Mouse
Isotype	IgG1
Clone Number	2D4A5
Form/Format	Purified antibody in PBS containing 0.03% sodium azide.
Sequence Length	407
Applicable Applications for anti-KSHV ORF45 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant fragment of KSHV ORF45 expressed in E. Coli
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



ICC (Immunocytochemistry)

Figure 2. Immunocytochemistry analysis of TPA induced BCBL-1 cells (A) and uninduced BCBL-1 cells (B) using KSHV ORF45 mouse mAb with AEC staining.



WB (Western Blot)

Figure 1. Western blot analysis using KSHV ORF45 mouse mAb against KSHV ORF45 recombinant protein.

ADDITIONAL INFORMATION

Related Product Information for anti-KSHV ORF45 antibody	Kaposi's sarcoma-associated herpesvirus (KSHV) belongs to the gamma-(2)-herpesvirus subfamily and has been closely linked to the Kaposi's sarcoma, primary effusion lymphoma (PEL) and multicentric Castleman's disease. The genome of KSHV is 165-170 kb and contains at least 88 open reading frames. ORF45 protein encoded by an immediate-early gene in the KSHV genome is characterized as a phosphorylated protein, and it is localized in the cytoplasm of infected cells. Studies have shown that ORF45 Protein interacted with cellular IRF-7 and blocked virus-mediated phosphorylation and nuclear translocation of IRF-7. In consequence, ORF45 efficiently inhibited virus-induced production of type I IFN. Zhu et al (2003) reported that the ORF45 Protein was associated with purified virions
Product Categories/Family for anti-KSHV ORF45 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	139472837
NCBI GeneID	4961474
NCBI Accession #	YP_001129397.1
NCBI GenBank Nucleotide #	NC_009333.1
Molecular Weight	43,327 Da
NCBI Official Full Name	ORF45
NCBI Official Symbol	ORF45
NCBI Protein Information	virion phosphoprotein
UniProt Protein Name	ORF 45

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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-antibody/kshv-orf45/108710>