
KSHV ORF45 (2D4A) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252608

Unit: 0.1 ml

Description:

KSHV (Kaposi's sarcoma-associated herpesvirus) 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. It was reported that the ORF45 protein was associated with purified virions.

Isotype: Mouse IgG1

Applications: WB, ICC

Species Reactivity: Vs

Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: ORF45

Accession No.: F5HDE4

Antigen: Purified recombinant fragment of KSHV ORF45 expressed in E. coli.

Application Notes: WB: 1:500-1:2000 ICC: 1:200-1:1000

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.