

Anti-ORF33 [ORF33]

Catalogue number: 160638

Sub-type: Primary antibody

Images:

Contributor

Inventor: Fanxiu Zhu

Institute: Florida State University Research Foundation

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-ORF33 [ORF33]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: Kaposi's sarcoma-associated herpesvirus (KSHV) has been identified as the causative agent of Kaposi's sarcoma, the most common malignancy in HIV-infected individuals. KSHV has also been shown to be associated with two lymphoproliferative diseases (Fu et al., 2015). This mouse monoclonal antibody for KSHV (tegument) protein open reading frame 33 (ORF 33) was generated using a bacterially produced recombinant protein as an antigen. ORF33 has been shown to be a crucial component of progeny virion production in conjunction with ORF45. ORF33 binding domain has been mapped to the highly conserved carboxyl-terminal 19 aa of ORF 45 and to USP7 binding domain according to Gillen et al., 2015. ORF33 has also been shown to interact with ORF38.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG

Reactivity: Other Species

Selectivity:

Host: Mouse

Immunogen: A bacterially produced recombinant ORF 33 protein was used as an antigen

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:
Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: Open Reading Frame 33

Target alternate names:

Target background: Kaposi's sarcoma-associated herpesvirus (KSHV) has been identified as the causative agent of Kaposi's sarcoma, the most common malignancy in HIV-infected individuals. KSHV has also been shown to be associated with two lymphoproliferative diseases (Fu et al., 2015). This mouse monoclonal antibody for KSHV (tegument) protein open reading frame 33 (ORF 33) was generated using a bacterially produced recombinant protein as an antigen. ORF33 has been shown to be a crucial component of progeny virion production in conjunction with ORF45. ORF33 binding domain has been mapped to the highly conserved carboxyl-terminal 19 aa of ORF 45 and to USP7 binding domain according to Gillen et al., 2015. ORF33 has also been shown to interact with ORF38.

Molecular weight:

Ic50:

Applications

Application: WB
Application notes:

Handling

Format: Liquid
Concentration:
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer:
Storage conditions:
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Wu et al. 2016. J Virol. 90(4):1741-56. PMID: 26637455. ; Gillen et al. 2015. J Virol. 89(9):4918-31. PMID: 25694600.