

KSHV ORF26 Antibody

Purified Mouse Monoclonal Antibody

Catalog # AO1034a

Product Information

Application	WB, E
Primary Accession	F5HGN8
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	2F6B8
Isotype	IgG1
Calculated MW	34373
Description	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. KSHV ORF26 open reading frames are juxtaposed and span from nucleotide (nt) 46933 to 47850 of the virus genome. Akula et al (2003) report it acts as a Capsid protein.
Immunogen	Purified recombinant fragment of KSHV ORF26 expressed in E. Coli.
Formulation	Ascitic fluid containing 0.03% sodium azide.

Additional Information

Gene ID	4961509
Other Names	Triplex capsid protein VP23 homolog, ORF26
Dilution	WB~~1/500 - 1/2000 E~~N/A
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	KSHV ORF26 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TRX2 {ECO:0000255 HAMAP-Rule:MF_04019}
Function	Structural component of the T=16 icosahedral capsid. The capsid is composed of pentamers and hexamers of major capsid protein/MCP, which

are linked together by heterotrimers called triplexes. These triplexes are formed by a single molecule of triplex protein 1/TRX1 and two copies of triplex protein 2/TRX2. Additionally, TRX1 is required for efficient transport of TRX2 to the nucleus, which is the site of capsid assembly.

Cellular Location

Virion {ECO:0000255|HAMAP-Rule:MF_04019}. Host nucleus {ECO:0000255|HAMAP-Rule:MF_04019}

References

1. James J . Proc. Natl. Acad. Sci Vol. 1996. 93, pp. 14862-14867.

Images

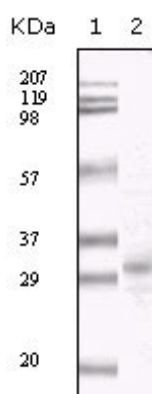


Figure 1: Western blot analysis using KSHV ORF26 mouse mAb against TPA induced BCBL-1 cell lysate.

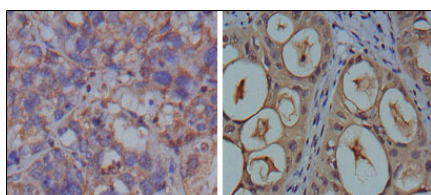


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma (left) and kidney carcinoma (right), showing cytoplasmic localization using GAPDH mouse mAb with DAB staining.

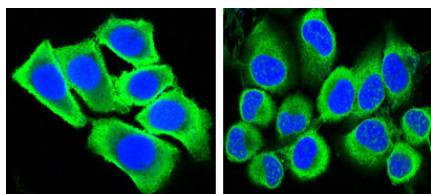


Figure 3: Confocal immunofluorescence analysis of methanol-fixed HepG2 (left) and Hela (right) cells using anti-GAPDH mAb (green), showing cytoplasmic localization. Blue: DRAQ5 fluorescent DNA dye.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.