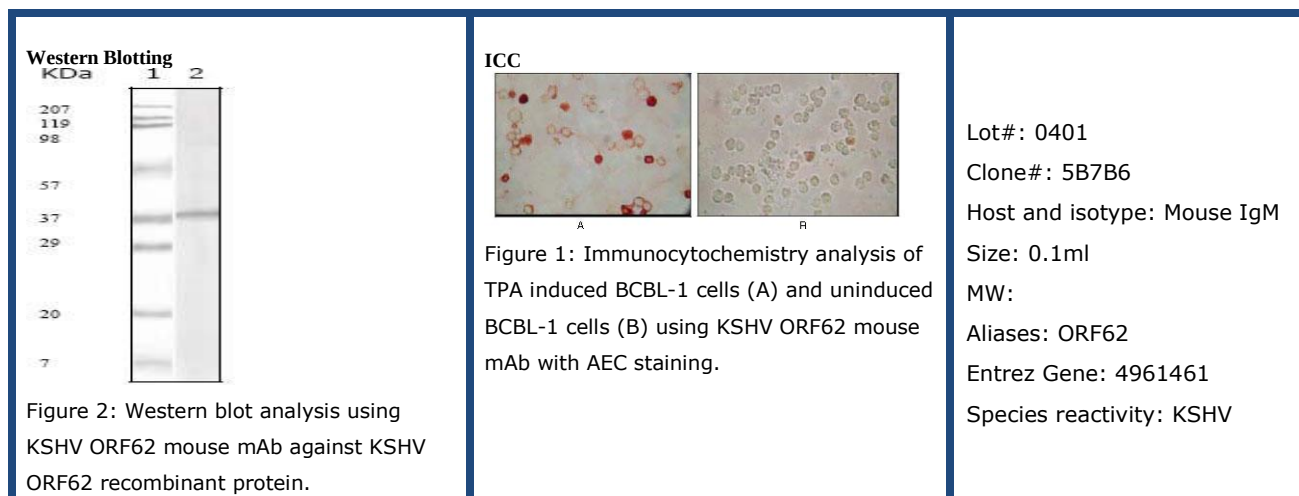




Category: Monoclonal Antibodies Cat. #: MAB-606020017
Product Name: Mouse Monoclonal Antibody to KSHV ORF62



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. At least five major proteins are likely to be involved in the assembly of the HHV-8 capsid, including a protease (encoded by ORF17), the major capsid protein (encoded by ORF25), and three other smaller capsid proteins (encoded by ORF62, ORF26, and ORF65). Previous structural studies have shown that the HSV-1 triplex is a monomer of VP19c and a dimer of VP23 and that the HCMV triplex is similarly composed of a monomer and a dimer. By analogy, the KSHV triplexes are likely also composed of a monomer of the ORF62 protein and a dimer of the ORF26 protein, which are the respective homologs of VP19c and VP23.

Immunogen

Purified recombinant fragment of human KSHV ORF62 expressed in E. Coli.

Applications

Western Blotting: 1/500 - 1/2000.

Immunofluorescence: 1/200 - 1/1000.

ELISA: Propose dilution 1/10000.

Not yet tested in other applications.

Determining optimal working dilutions by titration test.

Formulation

Ascitic fluid containing 0.03% sodium azide.

Storage

Store at 4°C, for long term storage, store at -20°C.

Related product

References

1. Chang Y. et al. 1994. Science. 266:1865-1869.
2. Russo J.J. et al. 1996. PNAS. 93: 14862-14867.
3. Wu L. et al. 2000. J ViroOct; 74(20):9646-54.

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