

Mouse Monoclonal Antibody to KSHV ORF62

Catalogue Number	sAP-0017
Target Molecule	<p>Name: KSHV ORF62</p> <p>Aliases: ORF62</p> <p>MW: N/A</p> <p>Entrez Gene ID: 4961461</p>
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
Immunogen	Purified recombinant fragment of human KSHV ORF62 expressed in E. Coli.
Recombinant Species	KSHV
Clone	MM5B7B6;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	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 Virol Oct; 74(20):9646-54. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**