

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human ORF73 HHV8 in direct ELISAs.
Source	Monoclonal Mouse IgG Clone # LN53
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Recombinant protein corresponding to the latent nuclear antigen-1 molecule of ORF73 HHV8
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

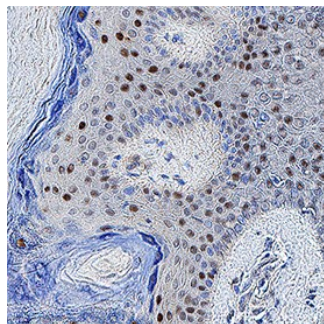
APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Immunohistochemistry	5-25 µg/mL	See Below

DATA

Immunohistochemistry



ORF73 HHV8 in Kaposi's Sarcoma Skin Tissue. ORF73 HHV8 was detected in immersion fixed paraffin-embedded sections of Kaposi's Sarcoma skin tissue using Mouse Anti-Human ORF73 HHV8 Monoclonal Antibody (Catalog # MAB10389) at 5 µg/mL for 1 hour at room temperature followed by incubation with the Anti-Rat IgG VisUCyte™ HRP Polymer Antibody (Catalog # VC005). Before incubation with the primary antibody, tissue was subjected to heat-induced epitope retrieval using Antigen Retrieval Reagent-Basic (Catalog # CTS013). Tissue was stained using DAB (brown) and counterstained with hematoxylin (blue). Specific staining was localized to cell nuclei. View our protocol for [IHC Staining with VisUCyte HRP Polymer Detection Reagents](#).

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Lana1 (also known as ORF73 or HHV8) is a multifunctional protein that plays a role in the replication and long-term persistence of the viral episomal genome in dividing cells. Lana1 has been found to be associated with three different diseases observed in AIDS patients; kaposi's sarcoma, primary effusion lymphoma (which is a rare type of non-Hodgkin lymphoma affecting the body cavities) and multicentric Castleman's disease. To date there is much evidence to support a direct role for Lana1 in kaposi's sarcoma.