

DESCRIPTION

Species Reactivity	Viral
Specificity	Detects viral HHV8-ORF74.
Source	Monoclonal Mouse IgG _{2B} Clone # 462510
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	NS0 mouse myeloma cell line transfected with viral HHV8-ORF74 Met1-Thr342 Accession # AAB51506
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

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
Flow Cytometry	0.25-1 µg/10 ⁶ cells	NS0 mouse myeloma cell line transfected with viral HHV8-ORF74

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. <ul style="list-style-type: none"> ● 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

HHV8-ORF74 is a 342 amino acid viral 7-transmembrane receptor encoded by the Kaposi's sarcoma-associated herpesvirus 8. The G-protein-coupled receptor is a constitutively active homologue of CXCR2, the CXCL8 receptor (IL-8 RB). It contributes to Kaposi's sarcoma by triggering expression of paracrine factors such as VEGF-A, inflammatory cytokines, adhesion molecules and chemokines, and enhancing cell growth.

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