

DESCRIPTION

Species Reactivity	Viral
Specificity	Detects viral MIP-III in direct ELISAs and Western blots. In Western blots, no cross-reactivity with recombinant viral (rv) MIP-I, rvMIP-II, rvCMV UL146, or rvCMV UL147 is observed.
Source	Monoclonal Mouse IgG ₁ Clone # 76621
Purification	Protein A or G purified from ascites
Immunogen	<i>E. coli</i> -derived recombinant human herpes virus-8 MIP-III Ser27-Pro114 Accession # P88968
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
Western Blot	1 µg/mL	Recombinant Viral MIP-III under non-reducing conditions only

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

Viral macrophage inflammatory protein-3 (vMIP-III) is one of three chemokine-like proteins encoded by the human herpesvirus-8/Kaposi's sarcoma-associated herpesvirus (HHV8/KSHV) genome. Viral MIP-III functions as an agonist on human XCR which is expressed on many hematopoietic cell types. It exhibits ten fold higher affinity for this receptor than does endogenous human XCL1/Lymphotactin.