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Mouse MAb to KSHV/HHV-8 ORF 59

Catalog Number: 13-211-100

Lot Number: D0702

Product Description: Mouse monoclonal antibody to lytic cycle-associated early protein (50 kDa), encoded by ORF 59 of Kaposi's Sarcoma-Associated Herpesvirus/Human Herpesvirus 8. It is identified as DNA polymerase processivity factor (nuclear PF-8 protein), which is expressed in PEL cell lines (BCBL-1, BCP-1, BC-3, KS-1) 6-48 hours post-TPA induction. This antibody originates from ascites fluid and is purified by protein G chromatography.

Hybridoma Clone: 11 D 1

Isotype: IgG_{2b}

Unit Size: 100 µg

Fill Volume: 100 µl

Presentation: Purified IgG supplied in DPBS (pH 7.4) with 0.1 % sodium azide.

Expiration Date: 07-2015

QUALITY CONTROL DATA

Sterility Tests: Bacteria, yeasts, and fungi were not detected (USP-NF).

Protein Concentration: 1.1 mg/ml determined by Pierce BCA protein assay using BSA standard. Alternative methods for determining protein concentration may give different values.

Purity: > 95% pure as estimated by analysis of Coomassie blue stained SDS-PAGE.

IFA Titer: 1:640 - 1,280 (Induced KS-1 Cells)

Note: IFA staining predominantly shows fluorescence in the nuclear membrane.

Western Blot Testing: Reactive in Western Blot using TPA Induced KS-1 Cell Lysate 48 hours post induction.

PRODUCT DETAILS

Shipping and Storage: This product is shipped frozen on dry ice. **Store at -20°C upon receipt.** Avoid multiple freeze-thaw cycles as product degradation may result.

Recommendations: Upon thawing, centrifuge the vial for a few seconds to remove residual droplets from the lid.

Applications For Use: This product has been shown to be functional using various methods including Immunohistochemistry^{1,2}, Immunoprecipitation³, IFA^{3,4,5}, Western Blot^{5,6}, Flow Cytometry^{5,7}, Immunoperoxidase Staining⁸.

Safe Handling Recommendation:

This biological preparation should be handled in accordance with biosafety guidelines defined in the BMBL, NIH-CDC HHS Publication No. 93-8395.

References:

- 1 Luna, R.E., et al., J. Virol. **78**: 6389-6398, 2004.
- 2 Webster-Cyriaque, J., et al., N Engl J Med. **346**: 1207-1210, 2002.
- 3 Chan, S.R., et al., Virology **240**: 118-126, 1998.
- 4 Xu, Y., et al., J. Virol. **79**: 3479-3487, 2005.
- 5 Zoetewij, J.P., et al., J. Virol. **73**: 5894-5902, 1999.
- 6 Majerciak, V., et al., J. Virol. **85**: 1528-1540, 2011.
- 7 Di Bartolo, D.L., et al., J. Virol. **83**: 4308-4315, 2009.
- 8 Zeng Y, et al., J. Virol. **81**: 2401-2417, 2007.

This product is for research use only.
Not for use in diagnostic procedures.

Quality Control

07-30-2013

Date