Epstein-Barr Virus (EBV)

Prediluted Monoclonal Antibody Reagent
903-111-060719

BIOCARE MEDICAL

Catalog Number:	**APA 111 AA**	**VLTMZ 111 G20**
Description:	6.0 mL, RTU	20 mL, RTU
Dilution:	Ready-to-use	Ready-to-use
Diluent:	N/A	N/A

Intended Use:
Analyte Specific Reagent. Analytical and performance characteristics are not established.

Summary & Explanation:
This antibody reagent reacts with a 60 kDa latent membrane protein encoded by the BNLF1 gene of the Epstein Barr Virus (EBV). All three antibodies in this cocktail recognize distinct epitopes in the hydrophilic carboxyl region of the latent membrane protein (LMP). EBV has been implicated with Hodgkin's disease, and may be involved in the pathogenesis of Hodgkin's occurring in children. Other studies have shown a low incidence of EBV in B-cell type lymphomas unless patients were immunologically impaired, such as post-organ transplantation or autoimmune type diseases. This antibody reagent stains EBV-positive Burkitt's lymphomas and has shown some cross-reactivity with smooth muscle and blood vessels.

Source: Mouse monoclonal

Clone: EBV01, 02, and 03

Isotype: IgG1/kappa

Known Applications:
Immunohistochemistry (formalin-fixed paraffin-embedded tissues)

Supplied As:
Buffer with protein carrier and preservative

Storage and Stability:
Store at 2ºC to 8ºC. The product is stable to the expiration date printed on the label, when stored under these conditions. Do not use after expiration date.

References:
1. Hirose Y, *et al*. Determination of Epstein-Barr virus association with B-cell lymphomas in Japan: study of 72 cases--in situ hybridization, polymerase chain reaction, immunohistochemical studies. Int J Hematol. 1998 Feb; 67(2):165-74.
2. Center for Disease Control Manual. Guide: Safety Management, NO. CDC-22, Atlanta, GA. April 30, 1976 "Decontamination of Laboratory Sink Drains to Remove Azide Salts."
3. Clinical and Laboratory Standards Institute (CLSI). Protection of Laboratory Workers from Occupationally Acquired Infections; Approved Guideline-Fourth Edition CLSI document M29-A4 Wayne, PA 2014.

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