**Epstein-Barr Virus (EBV)**

Prediluted Monoclonal Antibody Reagent  
Control Number: 903-111-090917

**Catalog Number:** APA 111 AA  
**Description:** 6.0 ml, prediluted  
**Dilution:** Ready-to-use  
**Diluent:** 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 crossreactivity 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 2°C to 8°C. Do not use after expiration date printed on vial. If reagents are stored under conditions other than those specified in the package insert, they must be verified by the user.

**Analyte Specific Reagent Note:**  
The Epstein-Barr Virus antibody reagent has been quality controlled by IHC using MACH 4 Detection System with antigen retrieval. However, it is the responsibility of the laboratory or the end-user to develop their own protocol and label appropriate disclaimer.

**References:**  