

**AM00739PU-N****Monoclonal Antibody to Epstein Barr Virus / EBV VCA - Purified**

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| <b>Alternate names:</b>              | HHV-4, HHV4                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Quantity:</b>                     | 1 mg                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Concentration:</b>                | 5.56 mg/ml (OD280nm, E0.1% = 1.4)                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Background:</b>                   | <p>EBNA-1 is the only viral protein consistently expressed in all malignancies associated with EBV.</p> <p>Epstein-Barr virus (EBV) nuclear antigen 1 (EBNA1) is an EBV antigen that is expressed in all EBV-associated malignancies. EBNA1 is known to be required for maintenance of the EBV episome, and is expressed in all forms of EBV latency. Thus, EBNA1 is supposed to play a central role in the maintenance and segregation of the episomal latent EBV genome.</p> |
| <b>Host / Isotype:</b>               | Mouse / IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Recommended Isotype Controls:</b> | AM03095PU-N                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Clone:</b>                        | 2E08                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Immunogen:</b>                    | Purified gp125                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Format:</b>                       | <p><b>State:</b> Liquid (0.2µm filtered) purified IgG fraction (&gt;90% pure by SDS-PAGE).</p> <p><b>Purification:</b> Protein A Chromatography.</p> <p><b>Buffer System:</b> 10mM Sodium Phosphate, 150mM Sodium Chloride, pH 7.4 +/- 0.2 and 0.05% Sodium Azide as preservative.</p>                                                                                                                                                                                         |
| <b>Applications:</b>                 | <p><b>ELISA.</b></p> <p><b>Western Blot.</b></p> <p><b>Immunofluorescence.</b></p> <p>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>                                                                                                                                                                                                                                                                   |
| <b>Specificity:</b>                  | This antibody recognizes Epstein Barr Virus Viral Capsid Antigen gp125.                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Storage:</b>                      | <p>Store the antibody undiluted at 2-8°C for one week or (in aliquots) at -20°C for longer.</p> <p>Avoid repeated freezing and thawing.</p> <p>Shelf life: one year from despatch.</p>                                                                                                                                                                                                                                                                                         |