

# EBV-LMP (CS1-4)

## Mouse Monoclonal Antibody

**Specificity:** Humans

**Immunogen:** Recombinant fusion protein containing the sequence of bacterial beta-galactosidase and the carboxyl half of EBV-encoded LMP

**Ig Class:** IgG1/k

**Storage:** Store at 2-8°C for up to 2 years for concentrate form and 18 months for predilute form.

**Staining procedures:** Use formalin-fixed and paraffin-embedded sections. Retrieval conditions: Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended.

Detection methods: Polymer anti-mouse/rabbit Ig detection system. Working dilution: 1:100-200.

Positive Control: EBV-positive cells. Localization: Cytoplasmic. Intended Use: Research Use Only (RUO).

**Description:** CS1-4 reacts strongly with EBV-positive lymphoblastoid cell lines and EBV-infected B cell immunoblasts in infectious mononucleosis. It also reacts with 25 to 50 percent of EBV-associated undifferentiated nasopharyngeal carcinomas and with Reed Sternberg cells in approximately 90% of EBV-associated Hodgkin's lymphoma cases. The cocktail recognizes distinct epitopes on the hydrophilic carboxyl region of LMP, which is exposed to the cytosol.

**Intended Use:** This antibody is intended for research use only (RUO). EBV-LMP (CS1-4) monospecific Mouse Monoclonal primary antibody is intended for laboratory use in the detection of EBV-LMP in formalin-fixed, paraffin-embedded tissue by immunohistochemical (IHC) staining. The staining results should be interpreted by qualified pathologists in conjunction with the patient's relevant clinical history.

**Supplied As:** Purified antibody in Tris-HCl buffer containing stabilizing protein and <0.1% ProClin.

### References:

1. Queiroga EM, et al. Am J Clin Pathol. 2008; 130:186-92.
2. Prochorec-Sobieszek M, et al. Pol J Pathol. 2006; 57:63-70.
3. Montes-Moreno S, et al. Mod Pathol. 2012; 25:968-82.

REF

**Z2094ML/ Z2094MS/ Z2094MT/ Z2094MP (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)**



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**C**

(concentrate)

**DIL**

(dilution)

**S**

(supernatant)

**S**

(predilute)