

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 / κ

Storage: Store at 2-8°C for up to 2 years for concentrate form and 1 year 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 per cent 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) 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% sodium azide.

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