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36-3742: Anti-Epstein-Barr Virus (LMP-1) Monoclonal Antibody(Clone: CS1)

Clonality: Monoclonal

Clone Name : CS1
Application : ELISA,WB

Alternative Name: EBNA1; EBV nuclear antigen 1; Epstein Barr nuclear antigen 1; Human Herpesvirus 4 (HHV4)

Isotype: Mouse IgG1, kappa

Immunogen Information: Recombinant fusion protein containing the sequence of bacterial beta-galactosidase and the

carboxyl half of EBV-encoded LMP

Description

This antibody is a mixture of four different monoclonal antibodies. This antibody is specific to 60kDa latent membrane protein (LMP-1) encoded by the BNLF1 gene of the EBV. Each clone reacts with different epitopes on the hydrophilic C-terminus of the cytoplasmic domain of LMP-1. This antibody stains strongly with EBV-positive lymphoblastoid cell lines and EBV infected B cell immunoblasts in infectious mononucleosis. EBV, also designated human herpesvirus 4 (HHV-4), is a member of the herpesvirus family and is one of the most common human viruses. EBV infects B cells and, thoµgh often asymptomatic, it can cause infectious mononucleosis, a disease characterized by fatigue, fever, sore throat and muscle soreness.

Product Info

Amount : $20 \mu g / 100 \mu g$

Content: 200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS

with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage condition : Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody

is stable for 24 months. Non-hazardous.

Application Note

ELISA (For coating, purchase antibody without BSA); Western Blot (1-2ug/ml);

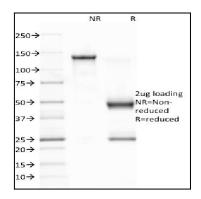


Fig. 1: SDS-PAGE Analysis Purified EBV Mouse Monoclonal Antibody (CS1). Confirmation of Integrity and Purity of Antibody.