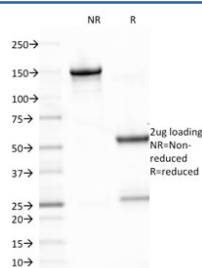


## Epstein-Barr Virus Antibody / EBV / LMP-1 [clone CS2] (V8316)

| Catalog No.    | Formulation                                                                | Size   |
|----------------|----------------------------------------------------------------------------|--------|
| V8316-100UG    | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V8316-20UG     | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug  |
| V8316SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free                             | 100 ug |

[Bulk quote request](#)

|                           |                                                                              |
|---------------------------|------------------------------------------------------------------------------|
| <b>Availability</b>       | 1-3 business days                                                            |
| <b>Species Reactivity</b> | EBV                                                                          |
| <b>Format</b>             | Purified                                                                     |
| <b>Clonality</b>          | Monoclonal (mouse origin)                                                    |
| <b>Isotype</b>            | Mouse IgG1, kappa                                                            |
| <b>Clone Name</b>         | CS2                                                                          |
| <b>Purity</b>             | Protein G affinity chromatography                                            |
| <b>Applications</b>       | ELISA (order BSA/azide-free Format For Coating) :<br>Western Blot : 1-2ug/ml |
| <b>Limitations</b>        | This Epstein-Barr Virus antibody is available for research use only.         |



SDS-PAGE analysis of purified, BSA-free Epstein-Barr Virus antibody (clone CS2) as confirmation of integrity and purity.

### Description

Clone CS2 is one of four clones to EBV. Each clone reacts with different epitopes on the hydrophilic C-terminus of the cytoplasmic domain of LMP-1. This antibody is specific to 60kDa latent membrane protein (LMP-1) encoded by the BNLF1 gene of the EBV. It 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, though often asymptomatic, it can cause infectious mononucleosis, a disease characterized by fatigue, fever, sore throat and muscle soreness.

## **Application Notes**

Optimal dilution of the Epstein-Barr Virus antibody should be determined by the researcher.

## **Immunogen**

Recombinant fusion protein containing the sequence of bacterial beta-galactosidase and the carboxyl half of EBV-encoded LMP was used as the immunogen for the Epstein-Barr Virus antibody.

## **Storage**

Store the Epstein-Barr Virus antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).