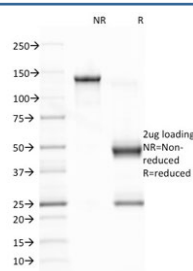


## Epstein-Barr Virus Antibody / EBV / LMP-1 [clone CS1] (V8302)

Catalog No.	Formulation	Size
V8302-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8302-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8302SAF-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>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	CS1
<b>Purity</b>	Protein G affinity chromatography
<b>Applications</b>	ELISA (order BSA/azide-free Format For Coating) : 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 CS1) as confirmation of integrity and purity.

## Description

Clone CS1 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).