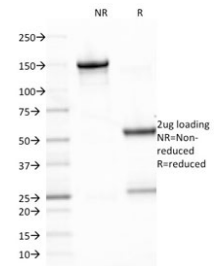
Epstein-Barr Virus Antibody / EBV / LMP-1 [clone CS2] (V8316)

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

Availability	1-3 business days
Species Reactivity	EBV
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	CS2
Purity	Protein G affinity chromatography
Applications	ELISA (order BSA/azide-free format for coating) Western blot: 1-2ug/ml
Limitations	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).

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