

Anti-EBV LMP-1 Antibody [CS4] (A250982)

Specifications:

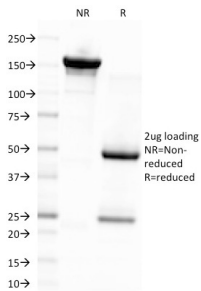
Name:	Anti-EBV LMP-1 Antibody [CS4]
Description:	Mouse monoclonal [CS4] antibody to EBV LMP-1.
Specificity:	This antibody is a mixture of four different monoclonal antibodies. This antibody is specific to 60kDa latent membrane protein (LMP-1) encoded by the BNLF1 gene of the EBV. Each clone reacts with 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, though often asymptomatic, it can cause infectious mononucleosis, a disease characterized by fatigue, fever, sore throat and muscle soreness.
Applications:	IF, WB, IHC-P
Recommended Dilutions:	IF: 1-2 µg/ml, WB: 1-2 µg/ml, IHC-P: 1-2 µg/ml
Reactivity:	Epstein Barr Virus
Immunogen:	Recombinant fusion protein containing the sequence of bacterial beta Galactosidase and the carboxyl half of EBV-encoded LMP.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	CS4
Isotype:	IgG1
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-EBV LMP-1 Antibody [CS4] - BSA and Azide free (A254162).

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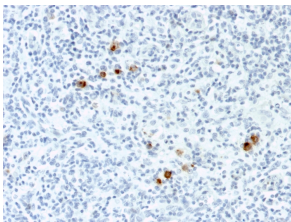
Specifications continued:

Disclaimer: This product is for research use only. It is not intended for diagnostic or therapeutic use.

Images:



SDS-PAGE analysis of Anti-EBV LMP-1 Antibody [CS4] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human Hodgkin's lymphoma using Anti-EBV LMP-1 Antibody [CS4].