

Mouse anti-EBV Epstein-Barr Virus (LMP-1) Monoclonal Antibody | anti-LMP-1 antibody

Epstein-Barr Virus (LMP-1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215347	Mouse	EBV	Immunohistochemistry, Western Blot, Immunofluorescence

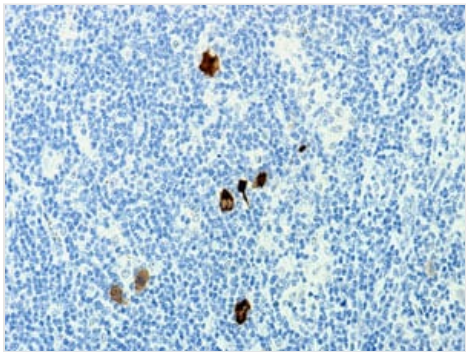
PRODUCT SYNONYMS

Epstein-Barr Virus (LMP-1); Monoclonal Antibody; EBNA1; EBV nuclear antigen 1; Epstein Barr nuclear antigen 1; Human Herpesvirus 4 (HHV4); anti-LMP-1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	EBV
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	CS1-4
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.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/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.
Applicable Applications for anti-LMP-1 antibody	IHC (Immunohistochemistry), WB (Western Blot), IF (Immunofluorescence)
Positive Control	EBV-infected cells. Tissues.
Immunogen	Recombinant fusion protein containing the sequence of bacterial beta-galactosidase and the carboxyl half of EBV-encoded LMP
Preparation and Storage	Antibody with azide: store at 2 to 8 degrees C. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Hodgkin's Lymphoma stained with EBV Mouse Monoclonal Antibody (CS1-4).

ADDITIONAL INFORMATION

References	Rowe M, Evans HS, Young LS, Hennessy K, Kieff E, Rickinson AB. Monoclonal antibodies to the latent membrane protein of Epstein-Barr virus reveal heterogeneity of the protein and inducible expression in virus-transformed cells. J Gen Virol 1987;68:1575-86.
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NCBI AND UNIPROT INFORMATION

Molecular Weight	60kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/epstein-barr-virus-lmp-1-antibody-clone-cs1-4-immunohistochemistry-western-blot-immunofluorescence-elisa/215347>