

Mouse EBV Early Antigens Monoclonal Antibody

EBV Early Antigens

CATALOG # AAA62617	HOST Mouse	REACTIVITY EBV	APPLICATIONS Immunofluorescence
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	EBV
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	1108-1
Specificity	Epstein-Barr virus (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. The EBV-induced early antigens (Ea) are among several antigen complexes that have been identified in EBV-infected cells. The Ea complex is composed of diffuse (Ea-D) and restricted (Ea-R) components. The activity of Ea-D is suppressed during latent infection. BMRF1, the gene that encodes for Ea-D, is closely associated with the gene encoding for EBV DNA polymerase, and Ea-D is essential for the activity of this polymerase. Ea-D forms a complex with EBV DNase and, together, they may play a role in viral replication.
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-EBV Early Antigens antibody	IF (Immunofluorescence)
Localization	Nuclear
Positive Control	EBV-EBV-infected cells or tissues
Immunogen	Affinity purified early antigen polypeptides from induced Raji cells precipitated with African Burkitt's lymphoma sera
Preparation and Storage	Antibody with azide store at 2-8°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



SDS-PAGE

DS-PAGE Analysis Purified EBV Mouse Monoclonal Antibody. Confirmation of Purity and Integrity of Antibody.

ADDITIONAL INFORMATION

References	1. Epstein, Alan L.: Immunobiochemical characterization with monoclonal antibodies of Epstein-Barr virus-associated early antigens in chemically induced cells. J. Virology 50:372-379, 1984.
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NCBI AND UNIPROT INFORMATION

Molecular Weight	50/55kDa
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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/ebv-early-antigens-antibody-clone-1108-1-immunofluorescence-elisa/62617>