

Datasheet for ABIN6941436
anti-EBV LMP1 antibody



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2 Images

Overview

Quantity:	100 µg
Target:	EBV LMP1
Reactivity:	Epstein-Barr Virus (EBV)
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This EBV LMP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (IHC), Staining Methods (StM)

Product Details

Immunogen:	Recombinant fusion protein containing the sequence of bacterial beta-galactosidase and the carboxyl half of EBV-encoded LMP
Clone:	CS4
Isotype:	IgG1 kappa
Specificity:	This antibody is a mixture of four different monoclonal antibodies. This antibody is specific to 60 kDa 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.

Product Details

Purification: Purified by Protein A/G

Target Details

Target: EBV LMP1

Alternative Name: Epstein-Barr Virus (LMP-1) ([EBV LMP1 Products](#))

Target Type: Viral Protein

Molecular Weight: 60kDa

Application Details

Application Notes: Positive Control: EBV-infected cells. Tissues.
Known Application: Immunofluorescence (0.5-1.0 µg/mL), Western Blot (0.5-1.0 µg/mL), Immunohistochemistry (Formalin-fixed) (0.5-1.0 µg/mL for 30 min at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

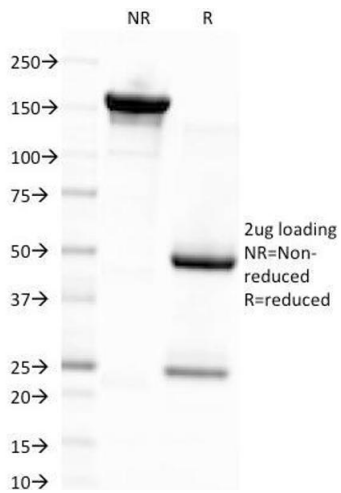
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -80 °C

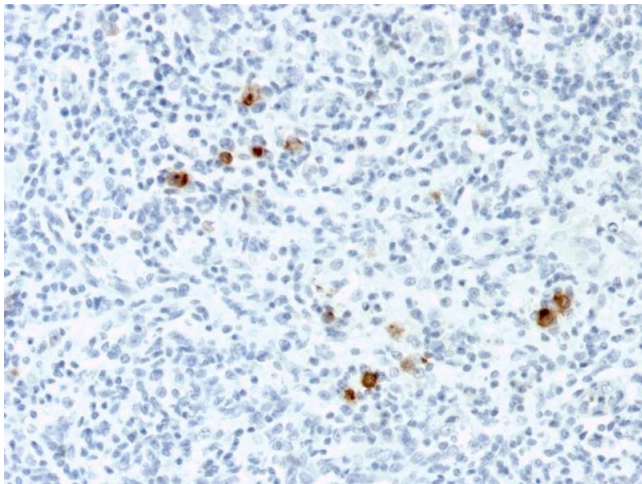
Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



SDS-PAGE

Image 1. SDS-PAGE Analysis Purified EBV Mouse Monoclonal Antibody (CS4). Confirmation of Integrity and Purity of Antibody.



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Hodgkin's Lymphoma stained with EBV Mouse Monoclonal Antibody (CS-4).