

Datasheet for ABIN6941310

**anti-EBV EA antibody****1** Image[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	EBV EA
Reactivity:	Epstein-Barr Virus (EBV)
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This EBV EA antibody is un-conjugated
Application:	Immunofluorescence (IF)

## Product Details

Immunogen:	Affinity Purified early antigen polypeptides from induced Raji cells precipitated with African Burkitt's lymphoma sera
Clone:	1108-1
Isotype:	IgG1 kappa
Purification:	Purified by Protein A/G

## Target Details

Target:	EBV EA
Alternative Name:	EBV Early Antigens (Epstein Barr Virus) ( <a href="#">EBV EA Products</a> )
Target Type:	Viral Protein
Background:	Epstein-Barr virus (EBV), also designated human herpesvirus 4 (HHV-4), is a member of the

## Target Details

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.

Molecular Weight:	50/55kDa doublet
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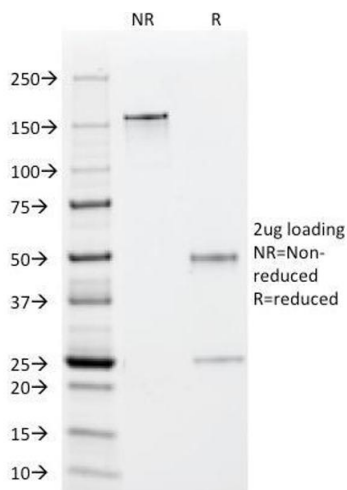
## Application Details

Application Notes:	Positive Control: EBV-infected cells. Tissues. Known Application: Immunofluorescence (0.5-1 µg/mL), Optimal dilution for a specific application should be determined.
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Restrictions:	For Research Use only
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## 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 (1108-1). Confirmation of Purity and Integrity of Antibody.