

Datasheet for ABIN6937122

anti-EBV EA antibody



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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) (EBV EA Products)
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

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.

Restrictions: For Research Use only

Handling

Buffer: 10 mM PBS without BSA and without Azide.

Preservative: Azide free

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.

Expiry Date: 24 months