

Datasheet for ABIN6154541  
**anti-EBV EA p55,p50 antibody (CF®594)**



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## Overview

Quantity:	100 µL
Target:	EBV EA p55,p50
Reactivity:	Epstein-Barr Virus (EBV)
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This EBV EA p55,p50 antibody is conjugated to CF®594
Application:	Immunofluorescence (IF)

## Product Details

Purpose:	Mouse Monoclonal anti-p55,50 EBV Early Antigen (1108-1), CF594 Conjugate
Clone:	1108-1
Isotype:	IgG1 kappa
Characteristics:	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. Primary antibodies are available purified, or with a selection of

## Product Details

fluorescent CF® dyes and other labels. CF® dyes offer exceptional brightness and photostability. Note: Conjugates of blue fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because blue dyes have lower fluorescence and can give higher non-specific background than other dye colors.

## Target Details

Target:	EBV EA p55,p50
Alternative Name:	p55,50 Early Antigen ( <a href="#">EBV EA p55,p50 Products</a> )
Target Type:	Viral Protein
Background:	EBNA1, EBV nuclear antigen 1, Epstein Barr nuclear antigen 1, Human Herpesvirus 4 (HHV4)
Molecular Weight:	50/55 kDa doublet

## Application Details

Application Notes:	Immunofluorescence 0.5-1 µg/mL Optimal dilution for a specific application should be determined by user
Comment:	EBV-infected cells or tissues
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	100 µg/mL
Buffer:	PBS/0.1 % 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.
Handling Advice:	Protect from light