Datasheet for ABIN2129003
EBNA-1 Protein (GST tag)

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Overview

Quantity:	100 μg
Target:	EBNA-1
Origin:	Epstein-Barr Virus (EBV)
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This EBNA-1 protein is labelled with GST tag.
Application:	ELISA, Western Blotting (WB)

Product Details

Characteristics:	Purified recombinant EBV EBNA1 protein Expression System: E.coli
Purity:	> 95 % pure

Target Details

Target:	EBNA-1
Alternative Name:	EBV EBNA1 (EBNA-1 Products)
Target Type:	Viral Protein
Background:	The Epstein-Barr virus (EBV), also called Human herpes virus 4 (HHV-4), is a virus of the herpes family (which includes Herpes simplex virus and Cytomegalo virus. On infecting the B-lymphocyte, the linear virus genome circularizes and the virus subsequently persists within the cell as an episome. The virus can execute several distinct programs of gene expression which

Target Details

can be broadly categorized as being lytic cycle or latent cycle. The lytic cycleor productive infection results in staged expression of a host of viral proteinswith the ultimate objective of producing infectious virions. Formally, this phase of infection does not inevitably lead to lysis of the host cellas EBV virions are produced by budding from the infected cell. The latent cycle(lysogenic) programs are those that do not result in production of virions.

Alternative Names: Epstein Barr Nuclear Antigen 1 protein, EBV HHV4 EBNA1 protein, Epstein-Barr Virus EBNA 1 protein

Molecular Weight:	46 kDa (including GST tag of 26 kDa)

Application Details

Application Notes:	Each Investigator should determine their own optimal working dilution for specific applications.
Restrictions:	For Research Use only

Handling

Buffer:	50 mM tris-HCl, pH 8.0, with 10 mM glutation, 60 mM NaCl and 0.5 % sarcosyl.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	RT/-20 °C