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AR10524PU-N OriGene EU

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Epstein Barr Virus Mosaic p18 - Purified

Catalog No.:	AR10524PU-N
Quantity:	0.5 mg
Background:	The Epstein-Barr virus (EBV), also called Human herpes virus 4 (HHV-4), is a virusof the herpes family(which includes Herpes simplex virusand Cytomegalovirus. 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 expressionwhich 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. A very limited, distinct set of viral proteins are produced during latent cycle infection. These include Epstein-Barr nuclear antigen(EBNA)-1, EBNA-2, EBNA-3A, EBNA-3B, EBNA-3C, EBNA-leader protein (EBNA-LP) and latent membrane proteins(LMP)-1, LMP-2A and LMP-2B and the Epstein-Barr encoded RNAs(EBERs).
Source:	E. coli
Format:	Purity: >95% pure as determined by 10% PAGE (coomassie staining). Purification Method: EBV-p18 Mosaic was purified by proprietary chromatographic technique. Buffer System: 25mM Tris-HCl, 1.5M Urea and 50% Glycerol
Applications:	EBV-p18 Mosaic antigen is suitable for ELISA and Western blots, excellent antigen for detection of HHV-4 (EBV) with minimal specificity problems. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Description:	<i>E.coli</i> derived recombinant artificial mosaic protein contains two epitopes from C-end associated in one molecule from the HHV-4 p18 regions. Specificity: Immunoreactive with sera of EBV-infected individuals.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request. Acris Antibodies is now part of the OriGene family. Learn more at www.origene.com



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