

Product datasheet

Recombinant EBV p23 protein ab43145

Description

Product name	Recombinant EBV p23 protein
Biological activity	This protein is immunoreactive with sera of EBV-infected individuals.
Purity	> 95 % SDS-PAGE. Sepharose-Derived Purification determined by 10% PAGE (coomassie staining).
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant

Specifications

Our [Abpromise guarantee](#) covers the use of **ab43145** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA Western blot
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at Room Temperature. Store at -20°C. pH: 9.60 Constituents: 0.1875% Glycine, 50% Glycerol This product is an active protein and may elicit a biological response in vivo, handle with caution.
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General Info

Relevance	The Epstein Barr virus (EBV) is a human herpes virus 4 (HHV4) that infects and establishes latency in B-lymphocytes. Primary infection leads to a life-long past infection which is normally asymptomatic. EBV expresses a number of genes, however, Epstein Barr nuclear antigen 1 (EBNA1) p72 is the only viral protein which characterizes EBV past-infection. p23 is one of the two small viral capsid antigens (VCA). EBV p23 is a viral late complex associated with virion particles and consists of two gene products, BFRF3 and BLRF2. EBV has a worldwide
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distribution, with over 90% of the adult population showing evidence of past infection. The virus, acquired during childhood, usually causes no symptoms. However, in Western societies, 10 to 20% of adolescents and young adults develop acute infectious mononucleosis (IM). In humans, EBV is also associated with cancer, in particular Burkitt's lymphoma, nasopharyngeal carcinoma, Hodgkin's disease, and immunoblastic lymphoma.

Cellular localization

virion

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
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