

Datasheet for ABIN264912

**anti-EBV antibody**[Go to Product page](#)**1** Image**7** Publications

## Overview

Quantity:	0.25 mg
Target:	EBV
Reactivity:	Epstein-Barr Virus (EBV)
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This EBV antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Isotype:	IgG
Purification:	Purified

## Target Details

Target:	EBV
Alternative Name:	Epstein Barr Virus / EBV ( <a href="#">EBV Products</a> )
Target Type:	Virus
Background:	EBNA-3A is a latent viral nuclear protein expressed in EBV transformed lymphoblastic cell lines. It is also found in some immunoblastic lymphomas in vivo. This viral nuclear protein is essential for EBV mediated transformation of B lymphocytes. The EBNA-3A functions as a transcriptional regulator though the target genes are currently unknown. Plays an essential role for activation and immortalization of human B-cells. Represses transcription of viral promoters

## Target Details

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TP1 and Cp through interaction with host RBPJ, and inhibits EBNA2-mediated activation of these promoters. Since Cp is the promoter for all EBNA mRNAs, EBNA3A probably contributes to a negative autoregulatory control loop. Synonyms: HHV-4, HHV4

Molecular Weight: 102.4 kDa

## Application Details

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Application Notes: Western Blot: 0.25-1.00 µg/mL.  
Other applications not tested.  
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

## Handling

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Buffer: PBS, 0.08 % Sodium 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: Avoid repeated freezing and thawing.

Storage: -20 °C

## Publications

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Product cited in: Anderton, Yee, Smith, Crook, White, Allday: "Two Epstein-Barr virus (EBV) oncoproteins cooperate to repress expression of the proapoptotic tumour-suppressor Bim: clues to the pathogenesis of Burkitt's lymphoma." in: **Oncogene**, Vol. 27, Issue 4, pp. 421-33, (2008) ([PubMed](#)).

Jiménez-Ramírez, Brooks, Forshell, Yakimchuk, Zhao, Fulgham, Sample: "Epstein-Barr virus EBNA-3C is targeted to and regulates expression from the bidirectional LMP-1/2B promoter." in: **Journal of virology**, Vol. 80, Issue 22, pp. 11200-8, (2006) ([PubMed](#)).

Yuan, Cahir-McFarland, Zhao, Kieff: "Virus and cell RNAs expressed during Epstein-Barr virus replication." in: **Journal of virology**, Vol. 80, Issue 5, pp. 2548-65, (2006) ([PubMed](#)).

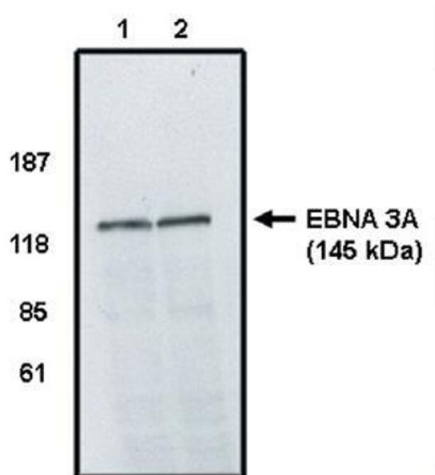
Hong, Gulley, Feng, Delecluse, Holley-Guthrie, Kenney: "Epstein-Barr virus lytic infection contributes to lymphoproliferative disease in a SCID mouse model." in: **Journal of virology**, Vol. 79, Issue 22, pp. 13993-4003, (2005) ([PubMed](#)).

Maruo, Johannsen, Illanes, Cooper, Kieff: "Epstein-Barr Virus nuclear protein EBNA3A is critical for maintaining lymphoblastoid cell line growth." in: **Journal of virology**, Vol. 77, Issue 19, pp. 10437-47, (2003) ([PubMed](#)).

There are more publications referencing this product on: [Product page](#)

## Images

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### Western Blotting

**Image 1.** Western Blot analysis using EBV EBNA 3A Antibody on cell lines infected with Epstein Barr Virus.