

Product datasheet

Anti-EBV Nuclear Antigen/EBNA1 antibody ab20870

Overview

Product name	Anti-EBV Nuclear Antigen/EBNA1 antibody
Description	Goat polyclonal to EBV Nuclear Antigen/EBNA1
Host species	Goat
Specificity	Epstein-Barr nuclear antigen. Non reactive with human lymphoid cells. Functions in ELISA against various recombinant EBNA-1 preps.
Tested applications	Suitable for: ELISA, ICC/IF
Species reactivity	Reacts with: Other species
Immunogen	Recombinant full length protein corresponding to EBV Nuclear Antigen/EBNA1.
General notes	This product was previously labelled as EBV Nuclear Antigen

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.1% Sodium azide Constituent: 0.0268% PBS
Purity	Ion Exchange Chromatography
Purification notes	>95% pure. Sodium sulfate precipitation & ion-exchange chromatography.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our [Abpromise guarantee](#) covers the use of ab20870 in the following tested applications.

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

Application	Abreviews	Notes
ELISA		Use at an assay dependent dilution.
ICC/IF		Use at an assay dependent dilution.

Target

Relevance

Epstein-Barr virus (EBV) nuclear antigen 1 (EBNA1) is the one EBV antigen that is expressed in all EBV associated malignancies. It has long been thought to go undetected by the cell mediated immune system. However, recent studies show that EBNA1 can be presented to both CD4+ and CD8+ T cells, making it a potential new target for immunotherapy of EBV related cancers.

Cellular localization

Nuclear. Free in the nucleoplasm, somewhat associated with the chromatin and hardly, if at all associated with the nuclear matrix.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors