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Datasheet for ABIN5001701

**anti-EBNA-1 antibody (AA 551-641) (Alexa Fluor 750)**

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | EBNA-1   |
| Binding Specificity: | AA 551-641   |
| Reactivity:          | Epstein-Barr Virus (EBV), Virus  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This EBNA-1 antibody is conjugated to Alexa Fluor 750  |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                             |   |
|-----------------------------|---|
| Immunogen:                  | KLH conjugated synthetic peptide derived from EBV Nuclear Antigen |
| Isotype:                    | IgG   |
| Cross-Reactivity:           | Virus   |
| Cross-Reactivity (Details): | Epstein Barr Virus  |
| Purification:               | Purified by Protein A.  |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | EBNA-1  |
| Alternative Name: | EBV Nuclear Antigen ( <a href="#">EBNA-1 Products</a> ) |

## Target Details

|              |  |
|--------------|--|
| Target Type: | Viral Protein  |
| Background:  | <p>Synonyms: EBNA1, EBNA-1, EBV nuclear antigen 1, Epstein Barr nuclear antigen 1, Epstein Barr virus, BKRF1, Epstein-Barr nuclear antigen 1, EBV nuclear antigen 1,</p> <p>Background: 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.</p> |

## Application Details

|                    |   |
|--------------------|---|
| Application Notes: | <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> |
| Restrictions:      | For Research Use only   |

## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 1 µg/µL  |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin  |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C   |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months  |