### Product Details

**RRID**
AB_906013

#### Applications

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<th>Technique</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<td>Immunohistology - Paraffin</td>
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Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

#### Target Species
Viral

#### Product Form
Purified IgG - liquid

#### Preparation
Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant

#### Buffer Solution
Phosphate buffered saline

#### Preservative Stabilisers
0.09% Sodium Azide (NaN₃)

#### Approx. Protein Concentrations
IgG concentration 1.0mg/ml

#### External Database Links
UniProt:
**Related reagents**

**Specificity**

Mouse anti Epstein-Barr Virus Nuclear Antigen antibody, clone E1-2.5 recognizes the repetitive Gly-Ala region of EBV (Epstein-Barr Virus) nuclear antigen 1 (EBNA-1), a viral protein expressed consistently by EBV-associated malignancies.

Epstein-Barr Virus, also known as HHV-4 or Human herpesvirus 4, is a member of the herpesvirus family and one of the most common infectious viruses known, being responsible for a wide range of illnesses from infectious mononucleosis to nasal-pharyngeal cancer. EBNA-1 is the only viral protein expressed during group 1 latency and mediates the replication and partitioning of the episome during host cell division, binding to a replication origin (oriP) within the viral genome. The Gly-Ala repeat recognized by Mouse anti Epstein-Barr Virus Nuclear Antigen antibody, clone E1-2.5, inhibits the host’s CD8-restricted cytotoxic T-cell response to infected cells, by impairing antigen processing and MHC class I-restricted antigen presentation.

**References**


**Further Reading**


**Storage**

Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

**Guarantee**

18 months from date of despatch.

**Health And Safety Information**


**Regulatory**

For research purposes only

**Recommended Secondary Antibodies**

- Goat Anti Mouse IgG IgA IgM (STAR87...): [Alk. Phos., HRP](https://www.bio-rad-antibodies.com)
- Goat Anti Mouse IgG (STAR77...): [HRP](https://www.bio-rad-antibodies.com)
- Rabbit Anti Mouse IgG (STAR12...): [RPE](https://www.bio-rad-antibodies.com)
- Rabbit Anti Mouse IgG (STAR8...): [DyLight@800](https://www.bio-rad-antibodies.com)
- Rabbit Anti Mouse IgG (STAR13...): [HRP](https://www.bio-rad-antibodies.com)
- Goat Anti Mouse IgG (STAR76...): [RPE](https://www.bio-rad-antibodies.com)
- Goat Anti Mouse IgG (STAR70...): [FITC](https://www.bio-rad-antibodies.com)
- Goat Anti Mouse IgG (Fc) (STAR120...): [FITC, HRP](https://www.bio-rad-antibodies.com)
- Rabbit Anti Mouse IgG (STAR9...): [FITC](https://www.bio-rad-antibodies.com)
- Human Anti Mouse IgG2b (HCA038...): [FITC](https://www.bio-rad-antibodies.com)
- Goat Anti Mouse IgG (H/L) (STAR117...): [Alk. Phos., DyLight@488, DyLight@680, DyLight@800, FITC, HRP](https://www.bio-rad-antibodies.com)