

# Product Datasheet

## EBNA1 Antibody (0211 (6F9/60)) NB100-66642

Unit Size: 0.05 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NB100-66642**

EBNA1 Antibody (0211 (6F9/60))

Product Information	
Unit Size	0.05 mg
Concentration	0.1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	0211 (6F9/60)
Preservative	0.1% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS

Product Description	
Host	Mouse
Species	Virus
Specificity/Sensitivity	NB100-66642 is specific for Epstein-Barr virus nuclear antigen 1 (EBNA1), a viral protein required to maintain the EBV genomes in proliferating cells. It fulfills this role by binding to recognition sites in the FR and DS elements of the latent origin of DNA replication (oriP) within the episome. This promotes DNA replication and is involved with the partitioning of the episome during cell division and the activation of other viral latency genes. EBNA1 is able to avoid detection by cytotoxic T-lymphocytes which enables the persistence of latently infected cells that express EBNA1 in the absence of other EBV antigens.
Immunogen	Made to EBNA1

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500

**Publications**

Satake T Epstein-Barr virus-based plasmid enables inheritable transgene expression in mouse cerebral cortex PLOS ONE Sep 30 2021 12:00AM [PMID: 34591902] (ICC/IF)

Montgomery ND, Randall C, Painschab M et al. High pretreatment plasma Epstein-Barr virus (EBV) DNA level is a poor prognostic marker in HIV-associated, EBV-negative diffuse large B-cell lymphoma in Malawi Cancer Med Jan 1 2020 12:00AM [PMID: 31782984] (IHC, Human)

Cao P, Zhang M, Wang L et al. miR-18a reactivates the Epstein-Barr virus through defective DNA damage response and promotes genomic instability in EBV-associated lymphomas BMC Cancer Dec 29 2018 12:00AM [PMID: 30594162] (IHC, Human)





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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