

# Product Datasheet

## LMP1 Antibody (S20-D) NBP1-79009-100ul

Unit Size: 100 ul

Store at 4C. Do not freeze.

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**NBP1-79009-100ul**

LMP1 Antibody (S20-D)

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	S20-D
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	20mM Tris-HCl (pH 8.0) and 20mg/ml BSA

**Product Description**

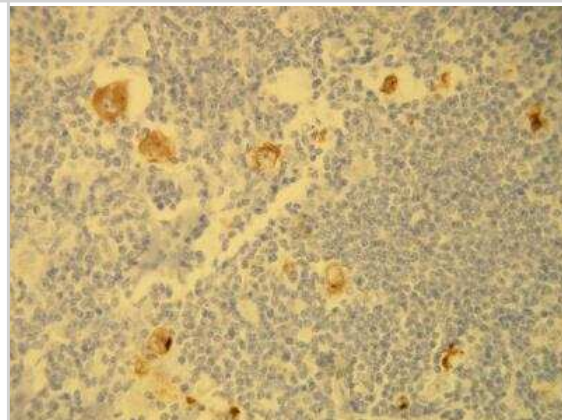
<b>Description</b>	This antibody is immunoaffinity purified with immunogenic peptide as a ligand.
<b>Host</b>	Rabbit
<b>Gene ID</b>	3783750
<b>Gene Symbol</b>	LMP-1
<b>Species</b>	Human
<b>Immunogen</b>	Peptide derived from the C-terminal region of Epstein-Barr virus (EBV), Latent Membrane Protein-1 (LMP1). Antibody recognizes the epitope between Ser369 - Tyr384
<b>Notes</b>	This antibody is immunoaffinity purified with immunogenic peptide as a ligand.

**Product Application Details**

<b>Applications</b>	Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Immunohistochemistry 1:100 - 1:200, Immunohistochemistry-Paraffin 1:100-1:200

**Images**

Immunohistochemistry-Paraffin: LMP1 Antibody (S20-D) [NBP1-79009] - HRS cells of the classical Hodgkin Lymphoma showing cytoplasmic expression of the EBV LMP-1 protein. Formalin fixed, paraffin embedded human tissue (4 um section) stained with anti - EBV LMP-1monospecific clonal antibody

**Publications**

Chen S, Zhang P, Feng J et al. LMP1 mediates tumorigenesis through persistent epigenetic modifications and PGC1? upregulation *Oncology reports* 2023-03-01 [PMID: 36734290] (WB, KD, ICC/IF, Human)

## Procedures

### **Immunohistochemistry-Paraffin protocol for LMP1 Antibody (NBP1-79009)**

Immunohistochemistry-Paraffin protocol for LMP1 Antibody (NBP1-79009):

1. Deparaffinize the section in 3 changes of xylene, 5 minutes each.
2. Wash the section in 96%, 80% and 70% ethyl alcohol for 5 minutes each.
3. Rinse in distilled water.
4. Block the endogenous peroxidase by incubating the tissue in 3% hydrogen peroxide (H<sub>2</sub>O<sub>2</sub>) for 10 minutes.
5. Wash in distilled water for 5 minutes.
6. For antigen retrieval: immerse the slide in the citrate buffer, pH 6.0, 0.05% Tween-20\*, and incubate in water bath at 96C for 40 minutes. (Alternatively adjust to your own protocol, keeping the required pH)
7. Remove the staining to room temperature and let the slide to cool (in citrate buffer, pH 6.0) for 20 minutes.
8. Rinse in distilled water.
9. Wash in 0.05 M Tris-HCl , pH 7.6 buffer supplemented with 0.2% of Tween-20 (buffer A) for 5 minutes
10. Incubate the section with primary antibody diluted in buffer A at the dilution 1:100 - 200 for 1 hour in the closed wet chamber.
11. Wash twice 5 minutes with buffer A.
12. Apply the secondary antibody (the protocol depends on the supplier), and proceed to standard immunohistochemistry protocol (HRP - Peroxide - DAB).
13. Wash twice 5 minutes with buffer A.
14. Apply the chromogen (DAB), 10 minutes.
15. Wash in water for 10 minutes.
16. Stain in hematoxylin for 5 minutes.
17. Wash in water for 10 minutes.
18. Dehydrate the section in 2 changes of 96% ethyl alcohol for 5 minutes each.
19. Wash the section in 2 changes of xylene for 2 minutes each.
20. Mount the slide for observation





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### **Products Related to NBP1-79009-100ul**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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