

# Product Datasheet

## EBV Latent Membrane Protein 1 Antibody (LMPO24) - BSA Free NBP2-50383

Unit Size: 0.1 ml

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

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**NBP2-50383****EBV Latent Membrane Protein 1 Antibody (LMPO24) - BSA Free**

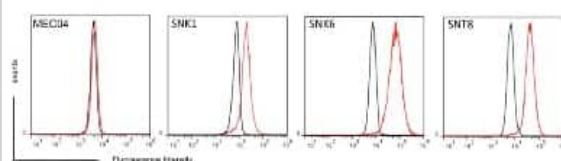
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	LMPO24
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse EBV Latent Membrane Protein 1 Antibody (LMPO24) - BSA Free (NBP2-50383) is a monoclonal antibody validated for use in IHC and Flow. Anti-EBV Latent Membrane Protein 1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Species</b>	Virus
<b>Specificity/Sensitivity</b>	Niedobitek et al., 1995 (PMID: 7605996): "The LMPO24 clone demonstrates strong and specific reactivity in immunohistochemical staining of paraffin-embedded tissues."
<b>Immunogen</b>	Purified plasma membranes from EBV Latent Membrane Protein 1 expressing insect cells infected with a recombinant EBV Latent Membrane Protein 1 baculovirus

<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry, Flow (Intracellular), Immunohistochemistry, CyTOF-ready
<b>Recommended Dilutions</b>	Flow Cytometry 1:10 - 1:1000, Immunohistochemistry 1:10 - 1:500, Flow (Intracellular) 1:10 - 1:1000, CyTOF-ready
<b>Application Notes</b>	Positive control(s): EBV transformed lymphoblastoid cell lines. This antibody is CyTOF-ready.

**Images**

Flow (Intracellular): EBV Latent Membrane Protein 1 Antibody (LMPO24) [NBP2-50383] - Intracellular staining of LMP1 using LMPO24 antibody. NK and T cell lines were fixed and permeabilised with an EBiosciences kit (Cat 88-8824-00) then stained with LMPO24 monoclonal antibody, followed by detection with Alexa Fluor 488 conjugated anti-mouse IgG antibody and analysis by flow cytometry. The histograms show negative control fluorescence staining (black lines) and LMPO24 staining (red lines). MEC04, SNK1, SNK6 and SNT8 are EBV positive tumour cell lines derived from patients with nasal NK/T cell lymphomas. MEC04, SNK1 and SNK6 are NK cell lines, while SNT8 is a T cell line. MEC04 lacks LMP1 expression, SNK1 expresses weak to moderate levels of LMP1, whilst SNK6 and SNT8 express high levels of LMP1.



## Publications

Chakravorty S, Yan B, Wang C et al. Integrated pan-cancer map of EBV-associated neoplasms reveals functional host-virus interactions Cancer Res. 2019-09-03 [PMID: 31481499] (FLOW, Virus)





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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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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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