

Rabbit anti-Human EBV/LMP-1 Monoclonal Antibody | anti-EBV/LMP-1 antibody

Anti - EBV/LMP-1

CATALOG # AAA78994	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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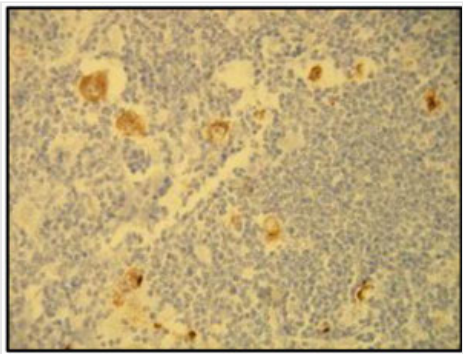
PRODUCT SYNONYMS

EBV/LMP-1; Monoclonal Antibody; Anti - EBV/LMP-1; anti-EBV/LMP-1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	S20-D
Specificity	Human
Sequence Length	386
Applicable Applications for anti-EBV/LMP-1 antibody	IHC (Immunohistochemistry)
Immunogen	Peptide derived from the C-terminal region of Epstein Barr virus (EBV), Latent Membrane Protein-1 (LMP -1). Antibody recognizes the epitope between Ser369 -Tyr384.
Buffer	20 mM Tris-HCl, pH 8.0
Stabilizer	20 mg/ml BSA
Preservative	0.05% NaN3
Immunogen	Peptide derived from the C-terminal region of Epstein-Barr virus (EBV), Latent Membrane Protein-1 (LMP-1). Antibody recognizes the epitope between Ser369 - Tyr384.
Cellular localization	nucleus
Positive control	lymph node Hodgkin's lymphoma tissue

IHC-P PROTOCOL	1. Deparaffinize the section in 3 changes of xylene, 5 minutes each. 2. Wash the section in 96%, 80% and 0% thyl alcohol for 10 minutes each. . 3. Rinse in distilled water. . 4. Block the endogenous peroxidase by incubating the tissue in 3% hydrogen peroxide (H₂O₂) 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 a water bath at 96°C 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. CONCENTRATED: Incubate the section with primary antibody at the dilution 1:100 -1:200 for 1 hour in the closed wet chamber. . 11. READY TO USE (RTU): Incubate the section with primary antibody (ready to use) for 1 hour in a closed wet chamber. 12. Wash twice 5 minutes with buffer A. . 13. Apply the secondary antibody (the protocol depends on the supplier), and proceed to standard immunohistochemistry protocol (HRP -Peroxide -DAB). Micropolymer-HRP detection kit rabbit/mouse . 14. Wash twice 5 minutes with buffer A. . 15. Apply the chromogen (DAB), 1 -3 minutes. . 16. Wash in water for 10 minutes. . 17. Stain in hematoxylin for 5 minutes. . 18. Wash in water for 10 minutes. . 19. Dehydrate the section in 2 changes of 96% ethyl alcohol for 5 minutes each. 20. Wash the section in 2 changes of xylene for 2 minutes each. . 21. Mount the slide for observation. Citrate Buffer(10mM Citric Acid, 0.05% Tween-20, pH 6.0): Citric acid (anhydrous) -----1.92 g; Distilled water -----1000 ml. Mix to dissolve in 700 ml of distilled water. Adjust pH to 6.0 with 1M NaOH and then add 0.5 ml of Tween-20 and mix well. Adjust the final volume to 1 liter with distilled water. Store this solution at room temperature for 3 months or at +4°C for longer storage.
PRECAUTIONS	1. -We strongly recommend to use Primary Antibody Diluent eventually alternative diluent containing protease free BSA at the concentrations ? 1mg/ml) for dilution of concentrated antibodies, otherwise the warranty might be voided. 2. Centrifuge the vial before use. 3. Intended for professional use in laboratories. . 4. Do not use after expiration date stamped on vial label. . 5. Avoid contamination of the reagent. . 6. Any discrepancies in the recommended procedures stated in the working protocol may affect the final results. . 7. The reagent contains sodium azide (NaN₃) which is highly toxic in higher concentrations. The concentration in the reagent (0.05%) is not considered as hazardous. . 8. Disposal of waste material must be conducted in accordance with local regulations. . 9. Wear appropriate Personal Protective Equipment to avoid contact with eyes and skin.
Preparation and Storage	Store at 4 degree .



Application Data
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-1 (AAA78994) monospecific clonal antibody according to related DB Biotech datasheet.

NCBI AND UNIPROT INFORMATION

NCBI GI #	126373
NCBI GeneID	3783750
UniProt Accession #	P03230; Q777A4
NCBI Official Full Name	Latent membrane protein 1
NCBI Official Symbol	LMP1
NCBI Protein Information	LMP1; hypothetical protein
UniProt Protein Name	Latent membrane protein 1
UniProt Gene Name	LMP1
UniProt Synonym Gene Names	LMP-1
UniProt Entry Name	LMP1_EBVB9

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ebv-lmp-1-antibody-clone-s20-d-immunohistochemistry-elisa/78994>