

Product Datasheet

Influenza B nucleoprotein Antibody (1D8) - (B/Lee/40) - BSA Free NBP2-23514-0.1ml

Unit Size: 0.1ml

Store at 4C. Do not freeze.

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NBP2-23514-0.1ml

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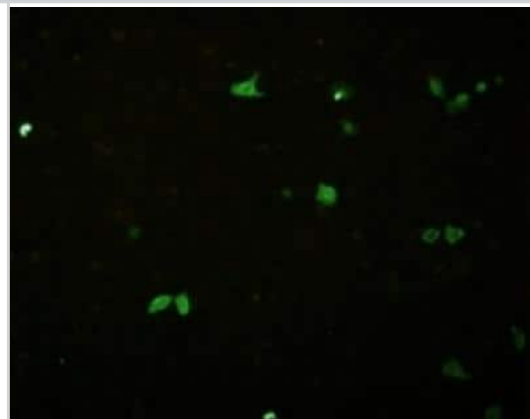
Product Information	
Unit Size	0.1ml
Concentration	1 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	1D8
Preservative	0.9% Sodium Azide
Isotype	IgG2a Kappa
Purity	Protein A or G purified
Buffer	10mM Phosphate (pH 7.4) and 0.5M NaCl

Product Description	
Host	Mouse
Species	Virus
Reactivity Notes	Influenza B virus
Specificity/Sensitivity	Influenza B Virus Nucleoprotein (B/Lee/40). This antibody reacts with influenza B virus nucleoprotein as demonstrated by immunoblotting after SDS-PAGE. It does not cross-react with influenza A virus.
Immunogen	Unpurified influenza B virus (B/Lee/40) for primary intranasal immunization, boosted intravenously with purified influenza B virus disrupted with Triton X-100 for 40 min at 37C.

Product Application Details	
Applications	ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	ELISA 1:100-1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence
Application Notes	Clone 1D8 in combination with Clone 02 is suitable as capture antibody, with biotinylated Clone 03 as detecting antibody in sandwich ELISA for influenza B virus .Clone 1D8 reacts with influenza B-infected, acetone-fixed VERO cells in immunofluorescence cytochemistry.

Images

Immunocytochemistry/Immunofluorescence: Influenza B nucleoprotein Antibody (1D8) [NBP2-23514] - Diluted 1/1000 with a secondary polyclonal rabbit anti-mouse Ig FITC conjugated antibody 1:20 + 1% Evans blue colors Influenza B nucleoprotein. The entire infected Vero cells are visible.



Publications

Yu CM, Chen IC, Tung CP et al. A panel of anti-influenza virus nucleoprotein antibodies selected from phage-displayed synthetic antibody libraries with rapid diagnostic capability to distinguish diverse influenza virus subtypes
Sci Rep 2020-08-07 [PMID: 32770098]



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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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