

# Product Datasheet

## Influenza A nucleoprotein Antibody (5D8) - BSA Free NBP2-23568

Unit Size: 0.25 mg

Store at 4C. Do not freeze.

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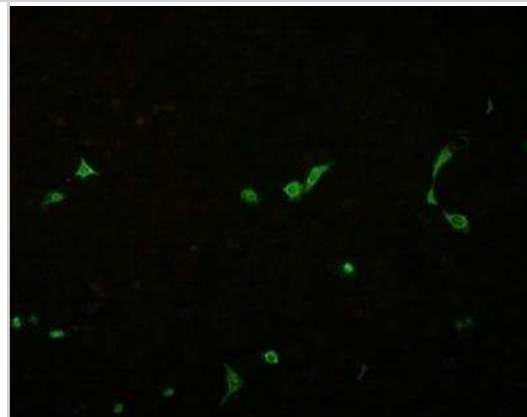
**NBP2-23568**

Influenza A nucleoprotein Antibody (5D8) - BSA Free

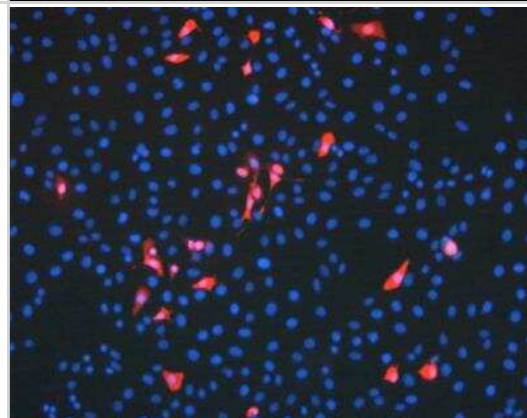
| <b>Product Information</b>         |  |
|------------------------------------|--|
| <b>Unit Size</b>                   | 0.25 mg  |
| <b>Concentration</b>               | 1 mg/ml  |
| <b>Storage</b>                     | Store at 4C. Do not freeze.  |
| <b>Clonality</b>                   | Monoclonal   |
| <b>Clone</b>                       | 5D8  |
| <b>Preservative</b>                | 0.9% Sodium Azide  |
| <b>Isotype</b>                     | IgG2a  |
| <b>Purity</b>                      | Protein A or G purified  |
| <b>Buffer</b>                      | 10mM Phosphate (pH 7.4) and 0.5M NaCl  |
| <b>Product Description</b>         |  |
| <b>Host</b>                        | Mouse  |
| <b>Species</b>                     | Virus  |
| <b>Reactivity Notes</b>            | Influenza A virus  |
| <b>Specificity/Sensitivity</b>     | Clone 5D8 is specific for influenza A virus nucleoprotein and does not cross-react with influenza B virus.   |
| <b>Immunogen</b>                   | Unpurified influenza A virus (H1N1 A/PR/8/34) for primary intranasal immunization, boosted intravenously with purified influenza A virus disrupted with Triton X-100 for 45 min at 37C.  |
| <b>Product Application Details</b> |  |
| <b>Applications</b>                | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence   |
| <b>Recommended Dilutions</b>       | Western Blot 1:100-1:2000, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:10-1:2000   |
| <b>Application Notes</b>           | Clone 5D8 is suitable as capture antibody in a sandwich ELISA for influenza A virus, using Clone 5D8B (biotinylated) for detection .Clone 5D8 reacts with influenza A-infected, acetone-fixed VERO cells in immunofluorescence cytochemistry.. |

## Images

Immunocytochemistry/Immunofluorescence: Influenza A nucleoprotein Antibody (5D8) [NBP2-23568] - diluted 1:1000 + secondary polyclonal rabbit anti-mouse Ig FITC conjugated antibody 1:20 + 1% Evans blue colors Influenza A nucleoprotein. Influenza Virus slides (S6112) were used and the entire infected Vero cells are seen.



Immunocytochemistry/Immunofluorescence: Influenza A nucleoprotein Antibody (5D8) [NBP2-23568] - diluted 1:1500 + secondary polyclonal goat anti-mouse Ig Fluor 555 conjugated antibody (Alexa A21424) 1:200 + Vectashield mounting medium with DAPI. Influenza Virus slides (S6112) were used and the entire infected Vero cells are seen.





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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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