

**bs-4971M****[ Primary Antibody ]****H1N1 nucleoprotein Mouse pAb****BioSS**  
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**— DATASHEET —****Host:** Mouse**Isotype:** IgG**Clonality:** Polyclonal**Target:** H1N1 nucleoprotein**Immunogen:** KLH conjugated synthetic peptide derived from Influenza A virus H1N1 nucleoprotein: 401-498/498.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.  
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.**Background:** Influenza A virus is a major public health threat. Novel influenza virus strains caused by genetic drift and viral recombination emerge periodically to which humans have little or no immunity, resulting in devastating pandemics. Influenza A can exist in a variety of animals; however it is in birds that all subtypes can be found. These subtypes are classified based on the combination of the virus coat glycoproteins hemagglutinin (HA) and neuraminidase (NA) subtypes. During 1997, an H5N1 avian influenza virus was determined to be the cause of death in 6 of 18 infected patients in Hong Kong. There was some evidence of human to human spread of this virus, but it is thought that the transmission efficiency was fairly low. HA interacts with cell surface proteins containing oligosaccharides with terminal sialyl residues. Virus isolated from a human infected with the H5N1 strain in 1997 could bind to oligosaccharides from human as well as avian sources, indicating its species jumping ability.**Applications:** ELISA (1:5000-10000)**Reactivity:** (predicted: Influenza A virus  
H1N1, Influenza A virus  
H3N2, Influenza A virus  
H9N2, Influenza A virus  
H2N2, Influenza A virus  
H3N8, Influenza A virus  
H7N7, Influenza A virus  
H5N1)**Predicted  
MW.:** 55-58 kDa**Subcellular  
Location:** Cell membrane ,Cytoplasm