

Product Datasheet

Respiratory Syncytial Virus Glycoprotein F Antibody (11-6-F9) - BSA Free NBP2-50394

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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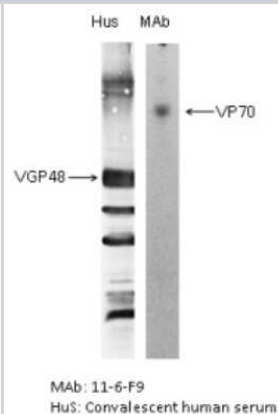


NBP2-50394**Respiratory Syncytial Virus Glycoprotein F Antibody (11-6-F9) - BSA Free**

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	11-6-F9
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Mouse Respiratory Syncytial Virus Glycoprotein F Antibody (11-6-F9) - BSA Free (NBP2-50394) is a monoclonal antibody validated for use in WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	Virus
Specificity/Sensitivity	Immunoblot using the reduced and unreduced RS virus shows that 11-6-F9 reacts with the non-reduced form of the virus F protein (VP70). It has a plaque reduction neutralization titer of 10 ^{1.3} . Induce in vitro antibody-dependent enhancement of macrophage cells. This antibody has a RS virus 90% plaque neutralization titre of 10 ^{1.3} and it also has RSV enhancing activity (enhancement index range: 2.5-5.3). Gimenez et al. (1996). Gimenez et al. (1996) was the first report showing that a monoclonal antibody specific for the F protein has enhancing activity.
Immunogen	Gradient-purified RSF-44 virus (subgroup A) UV inactivated for 20 minutes at 20C
Product Application Details	
Applications	Western Blot, ELISA, Functional, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:100 - 1:2000, ELISA 1:100 - 1:2000, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Functional
Application Notes	Western blot using the reduced and unreduced Respiratory Syncytial Virus shows that 11-6-F9 reacts with the non-reduced form of Respiratory Syncytial Virus Glycoprotein F. Positive control(s): Immunoblot: Ag: gradient-purified Respiratory Syncytial Virus. Indirect immunofluorescence: staining of RSA-2 infected BSC-1 cells.

Images

Western Blot: Respiratory Syncytial Virus Glycoprotein F Antibody (RSV 11-6-F9) [NBP2-50394] - The antigen was gradient purified RSN-A2 virus (subgroup A). First antibodies: Lane "Hus": RSV convalescent human sera; Lane "MAb": 11-6-F9 antibody. The antigen was analysed by electrophoresis using non-reducing conditions (SDS alone) for Lane "MAb" and reducing conditions for Lane "Hus" as described in Gimenez et al. (1986). The identity and molecular weight of the protein target of this antibody was validated by including within the immunoblot assay (as a marker) a convalescent serum sample from a RS virus infected patient. The protein specificities of the antibodies induced in the human convalescent serum is described in Gimenez et al. (1987).





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Products Related to NBP2-50394

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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