

Recombinant Hepatitis C virus NS3 (Nonstructural protein 3) Antibody

Mouse Monoclonal Antibody [Clone rMMM33]

Catalog No	Format	Size
MSM3-13221-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
MSM3-13221-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
MSM3-13221-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

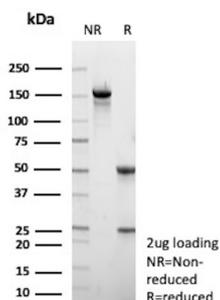
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

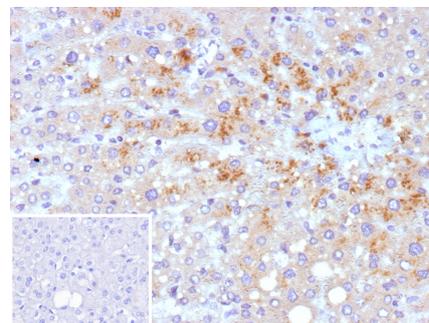
Clone	rMMM33
Gene Name	NS3
Immunogen	Prokaryotic recombinant protein corresponding to non-structural protein 3 of hepatitis C virus, strain 1b
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2b / Kappa
Mol. Weight of Antigen	70kDa
Cellular Localization	Host cell membrane, Host cytoplasm, Host endoplasmic reticulum membrane
Species Reactivity	Human
Positive Control	Hepatitis C infected tissue or cells.

*Optimal dilution for a specific application should be determined.

Product Images for Recombinant Hepatitis C virus NS3 (Nonstructural protein 3) Antibody



SDS-PAGE Analysis of Purified Hepatitis C virus (NS3) Recombinant Mouse Monoclonal Antibody (rMMM33). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human HCV-infected liver stained with Hepatitis C Recombinant Mouse Monoclonal Antibody (rMMM33). Inset: PBS instead of primary antibody; secondary only negative control.

Specificity & Comments

Non structural protein 3 (NS3) of hepatitis C virus (HCV) is a protein of 67 to 70 kD that contains at least three enzymatic activities; a protease, a serine protease and an RNA helicase. NS3 is produced as part of a polyprotein of about 3000 amino acids which is encoded by the viral genome. This polyprotein undergoes proteolytic processing by a combination of cellular and viral proteases, including those provided by NS3, to yield all of the mature viral proteins. The RNA helicase activity of NS3 is thought to be involved in viral replication.

Supplied As

200ug/ml of Ab produced in CHO cell mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Neuroinflammation, Neuroscience

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.
