# **Product Datasheet**

# HCV-NS3 Antibody (1B6) [Janelia Fluor® 646] NBP2-80122JF646

Unit Size: 0.1 ml

Store at 4C in the dark.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at: www.novusbio.com/NBP2-80122JF646

Updated 10/26/2023 v.20.1

Earn rewards for product reviews and publications.

Submit a publication at www.novusbio.com/publications
Submit a review at www.novusbio.com/reviews/destination/NBP2-80122JF646



## NBP2-80122JF646

HCV-NS3 Antibody (1B6) [Janelia Fluor® 646]

Unit Size  Concentration  Please see the vial label for concentration. If unlisted please contact technical services.  Storage  Store at 4C in the dark.  Clonality  Monoclonal  Clone  1B6  Preservative  0.05% Sodium Azide  Isotype  IgG1  Conjugate  Janelia Fluor 646  Purity  >95%, by SDS-PAGE  Buffer  50mM Sodium Borate  Product Description  Host  Mouse  Species  Virus  Reactivity Notes  Hepatitis C virus (HCV)  Specificity/Sensitivity  Recognizes HCV-NS3 (genotype 1a and 1b) (epitope mapped to NS3 aa 160-193), recognizes NS3 alone or the NS3-4A complex. Does not cross-react with HCV NS3 (genotype 2a).  Immunogen  Recombinant HCV-NS3 serine protease domain.  Notes  Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.  Product Application Details  Applications  Western Blot, Immunocytochemistry/Immunofluorescence  Recommended Dilutions  Western Blot, Immunocytochemistry/Immunofluorescence	TICV-NGS Antibody (TBO) [Janella Fluol® 040]	
Concentration Please see the vial label for concentration. If unlisted please contact technical services.  Storage Store at 4C in the dark.  Clonality Monoclonal Clone 1B6 Preservative 0.05% Sodium Azide Isotype IgG1 Conjugate Janelia Fluor 646 Purity >95%, by SDS-PAGE Buffer 50mM Sodium Borate  Product Description Host Mouse Species Virus Reactivity Notes Hepatitis C virus (HCV) Specificity/Sensitivity Recognizes HCV-NS3 (genotype 1a and 1b) (epitope mapped to NS3 aa 160-193), recognizes NS3 alone or the NS3-4A complex. Does not cross-react with HCV NS3 (genotype 2a).  Immunogen Recombinant HCV-NS3 serine protease domain.  Product Application Details Applications Western Blot, Immunocytochemistry/Immunofluorescence Recommended Dilutions Western Blot, Immunocytochemistry/Immunofluorescence	Product Information	
Storage Store at 4C in the dark.  Clonality Monoclonal  Clone 1B6  Preservative 0.05% Sodium Azide  Isotype IgG1  Conjugate Janelia Fluor 646  Purity >95%, by SDS-PAGE  Buffer 50mM Sodium Borate  Product Description  Host Mouse Species Virus  Reactivity Notes Hepatitis C virus (HCV)  Specificity/Sensitivity Recognizes HCV-NS3 (genotype 1a and 1b) (epitope mapped to NS3 aa 160-193), recognizes NS3 alone or the NS3-4A complex. Does not cross-react with HCV NS3 (genotype 2a).  Immunogen Recombinant HCV-NS3 serine protease domain.  Product Application Details  Applications Western Blot, Immunocytochemistry/Immunofluorescence  Recommended Dilutions Western Blot, Immunocytochemistry/Immunofluorescence	Unit Size	0.1 ml
Clonality Monoclonal Clone 1B6 Preservative 0.05% Sodium Azide Isotype IgG1 Conjugate Janelia Fluor 646 Purity >95%, by SDS-PAGE Buffer 50MM Sodium Borate  Product Description Host Mouse Species Virus Reactivity Notes Hepatitis C virus (HCV) Specificity/Sensitivity Recognizes HCV-NS3 (genotype 1a and 1b) (epitope mapped to NS3 aa 160-193), recognizes NS3 alone or the NS3-4A complex. Does not cross-react with HCV NS3 (genotype 2a).  Immunogen Recombinant HCV-NS3 serine protease domain.  Notes Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.  Product Application Details Applications Western Blot, Immunocytochemistry/Immunofluorescence Recommended Dilutions Western Blot, Immunocytochemistry/Immunofluorescence	Concentration	·
Clone 1B6 Preservative 0.05% Sodium Azide Isotype IgG1 Conjugate Janelia Fluor 646 Purity >95%, by SDS-PAGE Buffer 50mM Sodium Borate  Product Description Host Mouse Species Virus Reactivity Notes Hepatitis C virus (HCV) Specificity/Sensitivity Recognizes HCV-NS3 (genotype 1a and 1b) (epitope mapped to NS3 aa 160-193), recognizes NS3 alone or the NS3-4A complex. Does not cross-react with HCV NS3 (genotype 2a).  Immunogen Recombinant HCV-NS3 serine protease domain.  Notes  Product Application Details Applications Western Blot, Immunocytochemistry/Immunofluorescence Recommended Dilutions Western Blot, Immunocytochemistry/Immunofluorescence	Storage	Store at 4C in the dark.
Preservative 0.05% Sodium Azide  Isotype IgG1  Conjugate Janelia Fluor 646  Purity >95%, by SDS-PAGE  Buffer 50mM Sodium Borate  Product Description  Host Mouse  Species Virus  Reactivity Notes Hepatitis C virus (HCV)  Specificity/Sensitivity Recognizes HCV-NS3 (genotype 1a and 1b) (epitope mapped to NS3 aa 160-193), recognizes NS3 alone or the NS3-4A complex. Does not cross-react with HCV NS3 (genotype 2a).  Immunogen Recombinant HCV-NS3 serine protease domain.  Notes  Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.  Product Application Details  Applications Western Blot, Immunocytochemistry/Immunofluorescence  Recommended Dilutions Western Blot, Immunocytochemistry/Immunofluorescence	Clonality	Monoclonal
Isotype IgG1 Conjugate Janelia Fluor 646 Purity >95%, by SDS-PAGE Buffer 50mM Sodium Borate  Product Description Host Mouse Species Virus Reactivity Notes Hepatitis C virus (HCV) Specificity/Sensitivity Recognizes HCV-NS3 (genotype 1a and 1b) (epitope mapped to NS3 aa 160-193), recognizes NS3 alone or the NS3-4A complex. Does not cross-react with HCV NS3 (genotype 2a).  Immunogen Recombinant HCV-NS3 serine protease domain.  Notes Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.  Product Application Details Applications Western Blot, Immunocytochemistry/Immunofluorescence Recommended Dilutions Western Blot, Immunocytochemistry/Immunofluorescence	Clone	1B6
Conjugate  Purity  >95%, by SDS-PAGE  Buffer  50mM Sodium Borate  Product Description  Host  Mouse  Species  Virus  Reactivity Notes  Hepatitis C virus (HCV)  Specificity/Sensitivity  Recognizes HCV-NS3 (genotype 1a and 1b) (epitope mapped to NS3 aa 160-193), recognizes NS3 alone or the NS3-4A complex. Does not cross-react with HCV NS3 (genotype 2a).  Immunogen  Recombinant HCV-NS3 serine protease domain.  Notes  Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.  Product Application Details  Applications  Western Blot, Immunocytochemistry/Immunofluorescence  Recommended Dilutions  Western Blot, Immunocytochemistry/Immunofluorescence	Preservative	0.05% Sodium Azide
Purity >95%, by SDS-PAGE Buffer 50mM Sodium Borate  Product Description Host Mouse Species Virus Reactivity Notes Hepatitis C virus (HCV) Specificity/Sensitivity Recognizes HCV-NS3 (genotype 1a and 1b) (epitope mapped to NS3 aa 160-193), recognizes NS3 alone or the NS3-4A complex. Does not cross-react with HCV NS3 (genotype 2a).  Immunogen Recombinant HCV-NS3 serine protease domain.  Notes Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.  Product Application Details Applications Western Blot, Immunocytochemistry/Immunofluorescence Recommended Dilutions Western Blot, Immunocytochemistry/Immunofluorescence	Isotype	IgG1
Buffer 50mM Sodium Borate  Product Description  Host Mouse  Species Virus  Reactivity Notes Hepatitis C virus (HCV)  Specificity/Sensitivity Recognizes HCV-NS3 (genotype 1a and 1b) (epitope mapped to NS3 aa 160-193), recognizes NS3 alone or the NS3-4A complex. Does not cross-react with HCV NS3 (genotype 2a).  Immunogen Recombinant HCV-NS3 serine protease domain.  Notes  Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.  Product Application Details  Applications Western Blot, Immunocytochemistry/Immunofluorescence  Recommended Dilutions Western Blot, Immunocytochemistry/Immunofluorescence	Conjugate	Janelia Fluor 646
Product Description  Host Mouse  Species Virus  Reactivity Notes Hepatitis C virus (HCV)  Specificity/Sensitivity Recognizes HCV-NS3 (genotype 1a and 1b) (epitope mapped to NS3 aa 160-193), recognizes NS3 alone or the NS3-4A complex. Does not cross-react with HCV NS3 (genotype 2a).  Immunogen Recombinant HCV-NS3 serine protease domain.  Notes  Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.  Product Application Details  Applications Western Blot, Immunocytochemistry/Immunofluorescence  Recommended Dilutions Western Blot, Immunocytochemistry/Immunofluorescence	Purity	>95%, by SDS-PAGE
Host Mouse Species Virus Reactivity Notes Hepatitis C virus (HCV) Specificity/Sensitivity Recognizes HCV-NS3 (genotype 1a and 1b) (epitope mapped to NS3 aa 160-193), recognizes NS3 alone or the NS3-4A complex. Does not cross-react with HCV NS3 (genotype 2a). Immunogen Recombinant HCV-NS3 serine protease domain.  Notes Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.  Product Application Details Applications Western Blot, Immunocytochemistry/Immunofluorescence Recommended Dilutions Western Blot, Immunocytochemistry/Immunofluorescence	Buffer	50mM Sodium Borate
Species  Virus  Reactivity Notes  Hepatitis C virus (HCV)  Specificity/Sensitivity  Recognizes HCV-NS3 (genotype 1a and 1b) (epitope mapped to NS3 aa 160-193), recognizes NS3 alone or the NS3-4A complex. Does not cross-react with HCV NS3 (genotype 2a).  Immunogen  Recombinant HCV-NS3 serine protease domain.  Notes  Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.  Product Application Details  Applications  Western Blot, Immunocytochemistry/Immunofluorescence  Western Blot, Immunocytochemistry/Immunofluorescence	Product Description	
Reactivity Notes  Hepatitis C virus (HCV)  Recognizes HCV-NS3 (genotype 1a and 1b) (epitope mapped to NS3 aa 160-193), recognizes NS3 alone or the NS3-4A complex. Does not cross-react with HCV NS3 (genotype 2a).  Recombinant HCV-NS3 serine protease domain.  Notes  Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.  Product Application Details  Applications  Western Blot, Immunocytochemistry/Immunofluorescence  Recommended Dilutions  Western Blot, Immunocytochemistry/Immunofluorescence	Host	Mouse
Specificity/Sensitivity  Recognizes HCV-NS3 (genotype 1a and 1b) (epitope mapped to NS3 aa 160-193), recognizes NS3 alone or the NS3-4A complex. Does not cross-react with HCV NS3 (genotype 2a).  Immunogen  Recombinant HCV-NS3 serine protease domain.  Notes  Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.  Product Application Details  Applications  Western Blot, Immunocytochemistry/Immunofluorescence  Recommended Dilutions  Western Blot, Immunocytochemistry/Immunofluorescence	Species	Virus
193), recognizes NS3 alone or the NS3-4A complex. Does not cross-react with HCV NS3 (genotype 2a).  Immunogen Recombinant HCV-NS3 serine protease domain.  Notes Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.  Product Application Details Applications Western Blot, Immunocytochemistry/Immunofluorescence Recommended Dilutions Western Blot, Immunocytochemistry/Immunofluorescence	Reactivity Notes	Hepatitis C virus (HCV)
Notes  Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.  Product Application Details  Applications Western Blot, Immunocytochemistry/Immunofluorescence  Recommended Dilutions Western Blot, Immunocytochemistry/Immunofluorescence	Specificity/Sensitivity	193), recognizes NS3 alone or the NS3-4A complex. Does not cross-react with
Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.  Product Application Details  Applications  Western Blot, Immunocytochemistry/Immunofluorescence  Western Blot, Immunocytochemistry/Immunofluorescence	Immunogen	Recombinant HCV-NS3 serine protease domain.
Applications Western Blot, Immunocytochemistry/Immunofluorescence  Recommended Dilutions Western Blot, Immunocytochemistry/Immunofluorescence	Notes	
Recommended Dilutions Western Blot, Immunocytochemistry/Immunofluorescence	Product Application Details	
	Applications	Western Blot, Immunocytochemistry/Immunofluorescence
Application Notes Optimal dilution of this antibody should be experimentally determined.	Recommended Dilutions	Western Blot, Immunocytochemistry/Immunofluorescence
	Application Notes	Optimal dilution of this antibody should be experimentally determined.





## Novus Biologicals USA

10730 E. Briarwood Avenue Centennial, CO 80112 USA

Phone: 303.730.1950 Toll Free: 1.888.506.6887

Fax: 303.730.1966

nb-customerservice@bio-techne.com

#### **Bio-Techne Canada**

21 Canmotor Ave Toronto, ON M8Z 4E6 Canada

Phone: 905.827.6400 Toll Free: 855.668.8722 Fax: 905.827.6402

canada.inquires@bio-techne.com

#### **Bio-Techne Ltd**

19 Barton Lane Abingdon Science Park Abingdon, OX14 3NB, United Kingdom Phone: (44) (0) 1235 529449

Free Phone: 0800 37 34 15 Fax: (44) (0) 1235 533420 info.EMEA@bio-techne.com

#### **General Contact Information**

www.novusbio.com Technical Support: nb-technical@bio-

techne.com

Orders: nb-customerservice@bio-techne.com

General: novus@novusbio.com

#### Products Related to NBP2-80122JF646

NBP1-97005JF646

Mouse IgG1 Isotype Control (MG1) [Janelia Fluor 646]

#### 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-80122JF646

Earn gift cards/discounts by submitting a publication using this product: www.novusbio.com/publications

