

..... **ViroStat**

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**Immunochemicals for
Infectious Disease
Research**
www.ViroStat-Inc.com

MONOTOPE [™] product information for
Hepatitis C Virus

I. Monoclonal Antibody (Mouse) Specificity

Product No.'s	Ig class
1825- 1879	Numerous clones specific to HCV. See accompanying table for specificities & reactivity data.

II. Purified Preparations

Product No.'s
1825- 1879

MONOTOPE™ purified preparations consist of >90% pure mouse monoclonal antibody which has been purified from ascites fluid or culture medium by protein A chromatography or sequential differential precipitations. The final preparation is formulated to a protein concentration of 100 µg/ml in 0.01 M phosphate buffered saline, pH 7.2 and contains 0.1% sodium azide. Each vial contains 1.0 ml. This product contains no stabilizing proteins and should be stored at -20°C until ready for use. Avoid repeated freeze-thawing by storing multiple aliquots at -20°C. Working dilution must be determined by the user. Suggested starting ranges are 1:10-1:50 for IFA, blotting & IHC and 1:20-1:200 for ELISA. Custom conjugation of this antibody with HRP, alkaline phosphatase, biotin and fluorescein is available on a minimum order basis

THESE PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

III. Fluorescein Conjugates

Product No.'s

These MONOTOPE™ products consist of purified monoclonal antibody conjugated with high purity isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product. The final preparation is formulated to an antibody concentration of 100 µg/ml in 0.01 M phosphate buffered saline, pH 7.2 containing 0.1% sodium azide plus bovine serum albumin at 10 mg/ml. Each vial contains 1.0 ml. This product should be stored at -20°C until ready for use. Avoid repeated freeze-thawing by storing multiple aliquots at -20°C. Applications for these products include direct FA staining of target antigen in a permissive tissue culture system. Working strength must be determined by the user for each specific application but a starting range of 1:5 - 1:20 is recommended. Acetone fixation of the antigen source is recommended prior to staining.

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Comments: See page 2 for a table of established applications.

ViroStat MONOTOPE

Monoclonal Antibodies

to Hepatitis C virus

Product #	Specificity	Fine Specif.	Ig subclass	ELISA	IFA	WB	IHC	Genotype (positive)	Reactivity (negative)	Pairing Info.
1862	core	nd	IgG2a	pos.	neg.	neg.	nd	1a, 2		capture
1863	core	nd	IgG1	pos.	pos.	neg.	nd	1a, 2		reporter
1864	core	nd	IgG1	pos.	pos.	pos.	nd	1a, 2		reporter
1868	core	33-38 aa	IgG1	pos.	pos.	pos.	pos.	1a, 1b, 2a		capture/reporter
1851	core	29-39 aa	IgG1	pos.	pos.	pos.	nd	1a, 1b, 2a		
1879	E1	nd	IgG1	pos.	pos.	pos.	nd	1a, 1b		
1876	E2	nd	IgG1	pos.	pos.	pos.	nd	1a, 1b		
1878	NS3	nd	IgG1	pos.	pos.	pos.	nd	1a, 1b, 2c	2a	
1847	NS3	helicase	IgG1	pos.	pos.	pos.	nd	1a, 1b, 2a		
1848	NS3	helicase	IgG1	pos.	pos.	pos.	nd	1a, 1b, 2a		
1859	NS3	1252-1477	IgG2a	pos.	nd	pos.	nd	1a		
1828	NS3	nd	IgG1	pos.	pos.	pos.	nd	1a, 2a, 2c		
1857	NS3	1252-1477	IgG1	pos.	nd	pos.	nd	1a		
1866	NS4a	1700-1710	IgG1	pos.	nd	pos.	nd	1a		
1858	NS4b	1689-1735	IgG1	pos.	nd	pos.	nd	1a		
1867	NS4b	1710-1730	IgG2b	pos.	nd	pos.	nd	1a		
1865	NS4a+b	1658-1863	IgG2a	pos.	nd	pos.	nd	1a		
1877	NS5a	nd	IgG2a	pos.	pos.	pos.	nd	1a, 1b	2a	
1827	NS5a	nd	IgG2a	pos.	pos.	neg.	nd	1a, 2a		
1825	NS5b	nd	IgG1	pos.	pos.	pos.	nd	1a, 1b	2a	
1826	NS5b	nd	IgG1	pos.	pos.	pos.	nd	1a, 1b	2a	