



ANOGEN - A Division of YES Biotech Laboratories Ltd.

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Mouse anti-HCV NS-4 Monoclonal Antibody [497] Datasheet

Catalogue No	MO-I40016M
Product name	Mouse anti-HCV NS-4 monoclonal antibody [497]
Clone No	497
Product type	Primary antibodies
Description	Mouse monoclonal antibody (MAb) to human HCV non-structural protein NS-4, Protein G affinity purified
Target protein	Human Hepatitis C Virus non-structural protein NS-4
Immunogen	Purified recombinant Chimeric HCV Polyprotein (555a.a.)
Specificity	The MAb reacts with synthetic NS-4a Protein (1689a.a.-1735a.a.) and Recombinant Chimeric HCV Polyprotein (60 kDa)
Cross-reactivity	No cross reaction with Synthetic recombinant Capsid Protein C + Envelope Protein M (core) (1a.a. -142a.a.), synthetic Capsid Protein C (1a.a. -61a.a.), recombinant NS-3 Protein (1252a.a. -1477a.a.) and synthetic NS-3 Protein (1378a.a. -1458a.a.)
Clonality	Monoclonal
Source	Mouse
Myeloma	Sp2/0-Ag14
Subclass	IgM
Light Chain	Kappa
Formulation	Lyophilized from a solution in 0.01M PBS, pH 7.0
Reconstitution	Double distilled water is recommended to adjust the final concentration to 1.00 mg/ml
Applications	ELISA: React with human Hepatitis C Virus. Western Blot: Concentration of 0.5 ug/ml MAb will allow visualization of 0.5 ug/lane of synthetic NS-4 peptide and 0.1 ug/lane recombinant Chimeric HCV polyprotein.
Research	Virology
Storage	Store at -20° C
References	If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide any product of choice as gratitude.

This product is for LABORATORY RESEARCH USE and further manufacture only, and can not be administration to humans and animals for use in diagnostic and therapeutic procedures.

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