



## **ANOGEN - A Division of YES Biotech Laboratories Ltd.**

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### **Mouse anti-HCV NS-3 Monoclonal Antibody [281] Datasheet**

<b>Catalogue No</b>	MO-I40018J
<b>Product name</b>	Mouse anti-HCV NS-3 monoclonal antibody [281]
<b>Clone No</b>	281
<b>Product type</b>	Primary antibodies
<b>Description</b>	Mouse monoclonal antibody (MAb) to human HCV non-structural protein NS-3, Protein G affinity purified
<b>Target protein</b>	Human hepatitis C virus (HCV) non-structural protein NS-3
<b>Immunogen</b>	Purified Recombinant Chimeric HCV Polyprotein (555 a.a)
<b>Specificity</b>	MAb 281 reacts with Recombinant NS-3 (1252a.a. -1477a.a), Synthetic NS-3 (1378a.a. -1458a.a.), and Recombinant Chimeric HCV Polyprotein (60 kDa.)
<b>Reactivity</b>	Human, others not tested
<b>Cross-reactivity</b>	No cross reaction can be seen with Recombinant CPC* + EPM** (core) (1a.a.-142a.a.), Synthetic CPC* (1a.a.-61a.a.), and Synthetic NS-4a Protein (1689a.a.-1735a.a)
<b>Clonality</b>	Monoclonal
<b>Source</b>	Mouse
<b>Myeloma</b>	Sp2/0-Ag14
<b>Subclass</b>	IgG1
<b>Light Chain</b>	Kappa
<b>Formulation</b>	Lyophilized from a solution in 0.01M PBS, pH 7.2
<b>Reconstitution</b>	Double distilled water is recommended to adjust the final concentration to 1.00 mg/ml
<b>Applications</b>	ELISA & Western Blot. For WB, MAb 281, at a concentration of 0.1-1 ug/mL will allow visualization of 100 ng/lane of both Recombinant Chimeric HCV Polyprotein and Recombinant NS-3 Protein. No reaction can be seen with Synthetic NS-3. Testing is under reducing and non-reducing conditions.
<b>Research</b>	Virology
<b>Storage</b>	Store at -20° C
<b>References</b>	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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