



ANOGEN - A Division of YES Biotech Laboratories Ltd.

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Mouse anti-HCV NS-4 Monoclonal Antibody [7B7/5G9] Datasheet

Catalogue No	MO-I40016B
Product name	Mouse anti-HCV NS-4 monoclonal antibody [7B7/5G9]
Clone No	7B7/5G9
Product type	Primary antibodies
Description	Mouse monoclonal antibody (MAb) to human HCV non-structural protein NS4, Protein G affinity purified
Target protein	Human hepatitis C virus (HCV) non-structural protein NS-4
Immunogen	Synthetic polypeptide in which overlapping sequence of at least 90 residues in length were selected from immunodominant NS-4 region of Chinese HCV strains
Specificity	MAb 7B7/5G9 is reactive with Synthetic NS-4a (1689a.a-1735a.a) and recombinant Chimeric HCV
Reactivity	Human, others not tested
Cross-reactivity	No cross reaction can be seen with HCV capsid region and other non-structural regions
Clonality	Monoclonal
Source	Mouse
Myeloma	Sp2/0-Ag14
Subclass	IgG1
Light Chain	Kappa
Formulation	Lyophilized from a solution in 0.01M PBS, pH 7.2
Reconstitution	Double distilled water is recommended to adjust the final concentration to 1.00 mg/ml
Applications	ELISA & Western Blot. For WB, MAb 7B7/5G9 at an antibody concentration of 0.5 ug/mL will allow visualization of 0.5-1.0 ug/lane (Synthetic NS-4) and 0.1 ug/lane (Recombinant Chimeric HCV). Testing is under both reducing and non-reducing conditions.
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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