



ANOGEN - A Division of YES Biotech Laboratories Ltd.

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Mouse anti-HCV NS-4 Monoclonal Antibody [7E11] Datasheet

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| Catalogue No | MO-I40016F |
| Product name | Mouse anti-HCV NS-4 monoclonal antibody [7E11] |
| Clone No | 7E11 |
| 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 | Synthetic polypeptide in which overlapping sequences of at least 90 residues in length were selected from the immunodominant NS-4 regions of Chinese HCV strains. |
| Specificity | The MAb reacts with synthetic NS-4a Protein, and Recombinant Chimeric HCV Polyprotein. |
| Cross-reactivity | No cross-reaction with HCV Capsid region and other non-structure region. |
| Clonality | Monoclonal |
| Source | Mouse |
| Myeloma | Sp2/0-Ag14 |
| Subclass | IgG1 |
| 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 | <p>ELISA: React with human Hepatitis C Virus.</p> <p>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.</p> <p>Immunohistochemistry: Immunoperoxidase -avidin-biotin (ABC) assay for Formalin-fixed paraffin embedded tissue section using diluted MAb. The dilution of MAb should be tested based on your working system. (The protocol of immunohistochemistry is available up request).</p> |
| 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 administrated to human and animals for use in diagnostic and therapeutic procedures.

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