



# Abazyme, LLC

## Mouse anti-HCV NS4 Protein Monoclonal Antibody Datasheet [7B7/5G9]

**Catalogue No** MO- 140016B

**Product name** Mouse anti-Hepatitis C virus NS4 Protein monoclonal antibody [7B7/5G9]

**Clone No** 7B7/5G9

**Product type** Primary antibody

**Description** Mouse monoclonal antibody (MAb) to Hepatitis C 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

**Concentration** Double distilled water is recommended and to adjust the final concentration to 1.00 mg/ml

### Applications

#### **ELISA:**

**Western Blot:** 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

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