



Abazyme, LLC

Mouse anti-HCV NS4 Protein Monoclonal Antibody Datasheet [5D4/10E7]

Catalogue No MO- 140016D

Product name Mouse anti-Hepatitis C virus NS4 monoclonal antibody [5D4/10E7]

Clone No 5D4/10E7

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 This MAb is reactive with Synthetic NS-4a and recombinant Chimeric HCV polyprotein

Cross-reactivity No cross reaction 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: 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.

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.

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.