



# Abazyme, LLC

## Mouse anti-HCV Core Protein Monoclonal Antibody Datasheet [25]

**Catalogue No** MO- 140015D

**Product name** Mouse anti-Hepatitis C virus Core Protein monoclonal antibody [25]

**Clone No** 25

**Product type** Primary antibody

**Description** Mouse monoclonal antibody (MAb) to Hepatitis C virus Core Protein, Protein G affinity purified

**Target protein** Human hepatitis C virus (HCV) core protein

**Immunogen** Recombinant Chimeric Hepatitis C virus (HCV) polyprotein (555 amino acids)

**Specificity** This MAb is reactive with recombinant CPC\* +EPM\*\* (core) (1st-142th amino acid), synthetic CPC\* (1st- 61st amino acid), and recombinant chimeric HCV polyprotein (60kDa).  
\*Capsid Protein C \*\*Envelope protein M

**Cross-reactivity** No cross reaction with recombinant NS-3 protein (1252nd -1477th amino acid), synthetic NS-3 protein (1378th -1458th amino acid) and synthetic NS-4a protein (1689th -1735th amino acid)

**Clonality** Monoclonal

**Source** Mouse

**Myeloma** Sp2/O-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 core protein, and no reaction with HCV non-structure protein.

**Western Blot:** Concentration of 0.05 ug/ml MAb will allow visualization of 0.1 ug/lane of recombinant CPC+EPM (core), 0.5 ug/lane synthetic CPC, and 0.1 ug/lane recombinant chimeric HCV polyprotein. 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.**