

Product datasheet for **BM3256F**

HCV NS4 Mouse Monoclonal Antibody [Clone ID: 8A1]

Product data:

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| Product Type: | Primary Antibodies |
| Clone Name: | 8A1 |
| Applications: | ELISA, IF, IHC, WB |
| Recommended Dilution: | Suitable for use in Western Blot, ELISA, Immunofluorescence and Immunohistochemistry. |
| Reactivity: | Hepatitis C Virus |
| Host: | Mouse |
| Isotype: | IgG2a |
| Clonality: | Monoclonal |
| Immunogen: | HCV NS4 recombinant antigen (NS4a+b a.a. 1658-1863, 19kDa) |
| Specificity: | HCV NS4 region. |
| Formulation: | 1x PBS, pH 7.2 with 0.01% sodium azide as preservative. Label: FITC State: Liquid purified Ig fraction. Label: Covalently coupled with high purity Isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product |
| Concentration: | lot specific |
| Purification: | Protein A chromatography |
| Conjugation: | FITC |
| Storage: | Store the antibody at 2-8°C for one month or at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Background: | Hepatitis C Virus is a positive, single stranded RNA virus in the Flaviviridae family. The genome is approximately 10,000 nucleotides and encodes a single polyprotein of about 3,000 amino acids. The polyprotein is processed by host cell and viral proteases into three major structural proteins and several non structural proteins necessary for viral replication. Several different genotypes of HCV with slightly different genomic sequences have since been identified that correlate with differences in response to treatment with interferon alpha. |



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Synonyms: Hepatitis C Virus, NS4B, Non-structural protein NS4A