

## Product datasheet for **BM3256**

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

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	8A1
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	Elisa and Western blot (1:1,000).
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:	0.01 M PBS, pH 7.2 with 0.01% sodium azide as preservative State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. 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.
Synonyms:	Hepatitis C Virus, NS4B, Non-structural protein NS4A



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