

## Product datasheet for **BM3329**

### HCV NS4B (1710-1730) Mouse Monoclonal Antibody [Clone ID: 2-H1]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	2-H1
Applications:	ELISA, IHC, WB
Recommended Dilution:	<b>ELISA:</b> ~10 <sup>-6</sup> <b>Western blot:</b> 1/1,000 <b>Immunohistochemistry</b> (Cryostat liver Sections: 1/20)
Reactivity:	Hepatitis C Virus
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Recombinant antigen (HCV genotype 1b)
Specificity:	This antibody detects HCV NS-4B Antigen (aa 1710-1730).
Formulation:	PBS, pH 7.2 State: Purified State: Liquid purified Ig fraction Preservative: 0.01% Sodium Azide
Concentration:	lot specific
Purification:	Protein G Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody 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:	HCV 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 protein 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, Non-structural protein NS4B