

## Product datasheet for **BM3232**

### HCV NS3 (1252-1477) Mouse Monoclonal Antibody [Clone ID: 981]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	981
Applications:	ELISA, IHC, WB
Recommended Dilution:	Suitable use in ELISA (1:20 - 1:200) and Western blot. A starting range of 1:10-1:50 for immunohistochemistry has been reported.
Reactivity:	Hepatitis C Virus
Host:	Mouse
Isotype:	IgG2
Clonality:	Monoclonal
Specificity:	HCV, NS-3 antigen (aa 1252-1477). Reactive with genotype 1a
Formulation:	0.01 M PBS, pH 7.2, containing 0.09% sodium azide. State: Purified State: Liquid purified Ig fraction (>90% pure).
Concentration:	lot specific
Purification:	Protein A affinity 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 Serine protease NS3



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