

BM3360**Monoclonal Antibody to HCV Envelope glycoprotein E2 - Purified**

Alternate names:	Hepatitis C Virus NS1, gp68, gp70
Quantity:	1 mg
Concentration:	100 ug/ml (OD280nm, E0.1% = 1.3)
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 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.
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	AM03095PU-N
Clone:	BDI167
Immunogen:	Recombinant HCV E2, genotype 1a.
Format:	State: Liquid purified IgG fraction (>90% pure). Purification: Protein A Chromatography. Buffer System: 0.01M PBS, pH 7.2 with 0.09% Sodium Azide as preservative.
Applications:	Suitable for use in ELISA, IFA and Western blot. <u>Recommended Starting Dilutions:</u> 1/20-1/200 for ELISA. 1/10-1/50 for IFA and Western blot. Has been reported to work in immunohistochemistry on frozen sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Clone BDI167 recognizes Hepatitis C Virus (HCV) E2 genotype 1b.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.