

## Product datasheet for **BM3237**

### Hepatitis A Virus / HAV Mouse Monoclonal Antibody [Clone ID: 818]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	818
Applications:	ELISA, IF, IHC
Recommended Dilution:	ELISA. Immunofluorescence. Immunohistochemistry.
Reactivity:	Hepatitis A Virus
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Partially purified Hepatitis A virus, Strain CF53
Specificity:	Hepatitis A Virus (HAV). The antibody recognizes a neutralizing epitope on VP3.
Formulation:	0.01M PBS, pH 7.2, containing 0.09% sodium azide as preservative. State: Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Protein A affinity chromatography
Conjugation:	Unconjugated
Storage:	Upon receipt, aliquot and store at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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**Background:**

Hepatitis A Virus (HAV) is a 27nm nonenveloped, spherical, positive stranded RNA virus, classified within the genus hepatovirus of the picornavirus family and is among the smallest and structurally simplest of the RNA animal viruses. A single large polyprotein is expressed from a large open reading frame extending through most of the genomic RNA. This polyprotein is subsequently cleaved by a viral protease (3Cpro) to form three (possibly four) capsid proteins and several nonstructural proteins. HAV genomic replication occurs exclusively in the cytoplasm of the infected hepatocyte by a mechanism involving an RNA-dependent RNA polymerase.