

Product datasheet for **BM3238**

Hepatitis A Virus / HAV Mouse Monoclonal Antibody [Clone ID: 581]

Product data:

Product Type:	Primary Antibodies
Clone Name:	581
Applications:	ELISA, IF
Recommended Dilution:	Suitable for use in ELISA (1/20 - 1/200).
Reactivity:	Hepatitis A Virus
Host:	Mouse
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	Lysate of RMK cells infected with an isolate of Hepatitis A virus.
Specificity:	Human Hepatitis A Virus (HAV)
Formulation:	0.01 M PBS, pH 7.2 and 0.009% sodium azide as preservative State: Purified State: Liquid purified Ig fraction (>90% pure).
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 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.



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