

Product datasheet for **BM1128**

Hepatitis A Virus / HAV Mouse Monoclonal Antibody [Clone ID: MK01]

Product data:

Product Type:	Primary Antibodies
Clone Name:	MK01
Applications:	ELISA, R
Recommended Dilution:	ELISA: 1/1K - 1/5.5K.
Reactivity:	Hepatitis A Virus
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified Hepatitis A
Specificity:	Reacts with Hepatitis A virus. Believed to be specific.
Formulation:	PBS buffer, pH 7.2, 0.1% Sodium Azide State: Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	Protein A chromatography
Conjugation:	Unconjugated
Storage:	The antibody can be shipped at 2-8°C. Store (in aliquots) at -20°C only. 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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