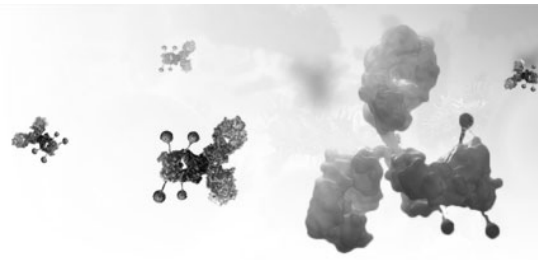

Anti-HAV Monoclonal antibody, Clone CDI869 (DMAB3489)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Monoclonal Antibody to Hepatitis A Virus (HAV)
Specificity	Recognizes a surface protein of Hepatitis A Virus
Target	HAV
Immunogen	Partially purified Hepatitis A Virus, Strain HM175
Isotype	IgG3
Source/Host	Mouse
Species Reactivity	HAV
Clone	CDI869
Affinity Constant	Not determined
Purification	90% pure. Protein A chromatography
Conjugate	Unconjugated
Applications	Suitable for use in ELISA and immunohistochemistry. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Purified, Liquid
Concentration	100ug/ml (OD280nm, E0.1% = 1.3)
Size	100 µg

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Buffer	0.01M PBS, pH 7.2. Product contains no stabilizing proteins.
Preservative	0.1% Sodium Azide
Storage	Upon receipt, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.
Warnings	This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1–1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

BACKGROUND

Introduction	HepatitisA Virus (HAV) is a 27nm nonenveloped, spherical, positive stranded RNA virus,classified within the genus hepatovirus of the picornavirus family and isamong the smallest and structurally simplest of the RNA animal viruses. Asingle large polyprotein is expressed from a large open reading frameextending through most of the genomic RNA. This polyprotein is subsequentlycleaved by a viral protease (3Cpro) to form three (possibly four) capsidproteins and several nonstructural proteins. HAV genomic replication occursexclusively in the cytoplasm of the infected hepatocyte by a mechanisminvolving an RNA-dependent RNA polymerase.
Keywords	HAV; Hepatitis A Virus; Picornaviridae; Hepatovirus; Hepatitis A

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