



ANOGEN - A Division of YES Biotech Laboratories Ltd.

2355 Derry Road East, Unit 23, Mississauga, ON, Canada L5S 1V6 • Tel: (905) 677-9221 • Fax: (905) 677-0023

Mouse Anti-HEV Monoclonal Antibody Datasheet

Product Name: mAb anti-HEV

Clone No.: 2H6

Catalogue No.: MO-I40019D

Quantity: 0.5 mg/vial

Description: Mouse monoclonal antibody (mAb) to human hepatitis E virus (HEV) antigen encoded by open reading frame two (ORF2).

Purification: Protein G affinity purified

Product Type: Primary antibody

Target Protein: Human hepatitis E virus (HEV) ORF2 antigen

Immunogen: The immunogen is a highly antigenic polypeptide consisting of 36 amino acids encoded by ORF2 region of a Chinese HEV strain.

Fusion Myeloma: Sp2/0-Ag14

Species Reactivity: Human hepatitis E virus, others not tested

Host / Isotype: Mouse, IgG1 Kappa

Formulation: Lyophilized

Reconstitution: Double distilled water is recommended to adjust the final concentration to 1.00mg/mL.

Storage: Store at -20°C

Research Area: Virology

Background: Type E hepatitis virus (HEV) is transmitted through fecal-oral route. In developing country with hot climate, HEV outbreak is common with a high mortality in pregnant woman. The virus has a 7.6kb positive sense single stranded RNA genome enclosed in a capsid without envelope. There are three open reading frames (ORFs) on HEV genome. ORF1 encodes protease, methyl-transferase, helicase and replicase. ORF2 encodes capsid protein. The function of the protein encoded by ORF3 is undefined.

Applications: **ELISA:** React with immunogen.

References: If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide one unit of product in the same category as gratitude.

This product is for **LABORATORY RESEARCH USE** and further manufacture **ONLY**, and cannot be administrated to human and animals for use in diagnostic and therapeutic procedures.

Manufactured by ANOGEN - A Division of YES Biotech Laboratories Ltd.