



ANOGEN - A Division of YES Biotech Laboratories Ltd.

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Mouse Anti-HEV Monoclonal Antibody Datasheet

Product Name: mAb anti-HEV	Clone No.: 4H5
Catalogue No.: MO-I40019C	Quantity: 0.5 mg/vial
Description: Mouse monoclonal antibody (mAb) to human hepatitis E virus (HEV) antigen encoded by open reading frame two (ORF2).	Storage: Store at -20°C
Purification: Protein G affinity purified	Research Area: Virology
Product Type: Primary antibody	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.
Target Protein: Human hepatitis E virus (HEV) ORF2 antigen	Applications: ELISA: React with immunogen.
Immunogen: The immunogen is a highly antigenic polypeptide consisting of 36 amino acids encoded by ORF2 region of a Chinese HEV strain.	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.
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.	

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.

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