



# ANOGEN - A Division of YES Biotech Laboratories Ltd.

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## Mouse Anti-HEV Monoclonal Antibody Datasheet

<b>Product Name:</b> mAb anti-HEV	<b>Clone No.:</b> S-13
<b>Catalogue No.:</b> MO-I40019B	<b>Quantity:</b> 0.5 mg/vial
<b>Description:</b> Mouse monoclonal antibody (mAb) to human hepatitis E virus (HEV) antigen encoded by open reading frame three (ORF3).	<b>Storage:</b> Store at -20°C
<b>Purification:</b> Protein G affinity purified	<b>Research Area:</b> Virology
<b>Product Type:</b> Primary antibody	<b>Background:</b> 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.
<b>Target Protein:</b> Human hepatitis E virus (HEV) ORF3 antigen	<b>Applications:</b> <b>ELISA:</b> React with immunogen.
<b>Immunogen:</b> The immunogen is a highly antigenic polypeptide consisting of at least 30 amino acids encoded by ORF3 region of a Chinese HEV strain.	<b>References:</b> 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.
<b>Fusion Myeloma:</b> Sp2/0-Ag14	
<b>Species Reactivity:</b> Human hepatitis E virus, others not tested	
<b>Cross - Reactivity:</b> No reactivity with HCV-S, HCV-NS3, HCV-NS4	
<b>Host / Isotype:</b> Mouse, IgM Kappa	
<b>Formulation:</b> Lyophilized	
<b>Reconstitution:</b> 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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