

ARG10077
anti-Hepatitis E Virus antibody [S-13]Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [S-13] recognizes Hepatitis E Virus
Tested Reactivity	Virus
Tested Application	ELISA
Specificity	No reactivity with HCV-S, HCV-NS3, HCV-NS4.
Host	Mouse
Clonality	Monoclonal
Clone	S-13
Isotype	IgM
Target Name	Hepatitis E Virus
Species	HEV
Immunogen	The immunogen is a highly antigenic polypeptide consisting of at least 30 amino acids encoded by ORF3 region of a Chinese HEV strain.
Conjugation	Un-conjugated

Application Instructions

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
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Properties

Form	Liquid
Purification	Protein G affinity purified
Buffer	0.01M PBS (pH 7.2)
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

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
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replicase. ORF2 encodes capsid protein. The function of the protein encoded by ORF3 is undefined.

Research Area

Microbiology and Infectious Disease antibody