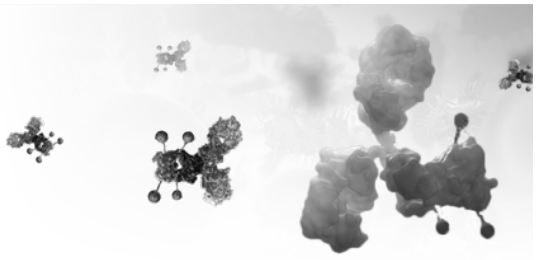

Magic™ Human Anti-Henipavirus RBP Monoclonal antibody, clone HENV228 (DMAB-CS25069)

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

PRODUCT INFORMATION

Specificity	Specific for the receptor-binding domain of receptor binding protein (RBP). This antibody has shown to neutralizes HeV, NiVM, or NiVB with exceptional potency according to the literature and maps to the receptor-binding domain of HeV-RBP and displays a receptor-blocking phenotype.
Target	Henipavirus RBP
Immunogen	Isolated from circulating B cells of an individual exposed to equine HeV vaccine.
Isotype	IgG1
Source/Host	Human
Species Reactivity	Henipavirus
Clone	HENV228
Purification	Protein A/G
Conjugate	Unconjugated
Applications	LFIA(Cap), FC, ELISA, Neut We recommend the following antibodies for LFIA (Capture - Detection): DMAB-CS25069 - DMAB-CS25068 DMAB-CS25070 - DMAB-CS25069
Format	Liquid
Size	250 μg, 1 mg

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Buffer	0.01 M (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added.
Preservative	None
Storage	Functional grade preclinical antibodies may be stored sterile as received at 2-8°C for up to one year. For longer term storage, aseptically aliquot in working volumes without diluting and store at ≥ -70°C. Avoid Repeated Freeze Thaw Cycles.

BACKGROUND

Introduction	Henipavirus spp. are enveloped, single-stranded RNA viruses in the family Paramyxovirus1. Five species have been identified, two of which, Hendra virus (HeV) and Nipah virus (NiV), are highly virulent emerging pathogens with high case-fatality ratios. The other three species, Cedar virus, Ghanaian bat virus, and Mojiang virus are not known to cause human disease. Pteropid bats are the reservoir host. HeV is transmitted by direct contact with infected horses, their fluids, or tissues. Horses are infected by exposure to pteropid bats. NiV is transmitted by contact with infected pigs or bats and person-to-person. Both HeV and NiV cause severe influenza-like illness that can progress to encephalitis.
Keywords	henipavirus; HeV; HeV receptor binding protein; HeV RBP; Henipavirus RBP

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