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12-8123: Anti-Henipavirus (Clone: HENV-117)

Clonality :	Monoclonal
Clone Name :	HENV-117
Application :	FACS
Isotype :	Human IgG1
Immunogen Information :	HENV-117 was isolated from circulating B cells of an individual exposed to equine HeV vaccine.

Description

Reactivity Species : Henipavirus·Virus
Expression Host : HEK-293
Endotoxin Level : ≤ 1.0 EU/mg as determined by the LAL method
Specificity: HENV-117 activity is directed against the receptor-binding domain of receptor binding protein (RBP). HENV-117, has shown to neutralizes HeV, NiVM, or NiVB with exceptional potency according to the literature and HENV-117 maps to the receptor-binding domain of HeV-RBP and displays a receptor-blocking phenotype. Binding decreases substantially in the presence of ephrin-B2, indicating HENV-117 neutralizes by blocking binding of virus to host cells. nsEM mapping shows that HENV-117 mimics ephrin-B2 binding.

Product Info

Amount :	100 µg
Purification :	â‰¥95% monomer by analytical SEC
Content :	â‰¥ 5.0 mg/ml. This recombinant monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added.
Storage condition :	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 â‰¥ -70°C. Avoid Repeated Freeze Thaw Cycles.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.