

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 μ g**Purification :** $\geq 95\%$ monomer by analytical SEC

Content : ≥ 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 $\geq -70^{\circ}\text{C}$. Avoid Repeated Freeze Thaw Cycles.