

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	HENV-117
<b>Application :</b>	FACS
<b>Isotype :</b>	Human IgG1
<b>Immunogen Information :</b>	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 :**  $\leq 1.0$  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**

<b>Amount :</b>	100 $\mu$ g
<b>Purification :</b>	$\approx 95\%$ monomer by analytical SEC
<b>Content :</b>	$\approx 5.0$ 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.
<b>Storage condition :</b>	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 $\approx -70^\circ\text{C}$ . Avoid Repeated Freeze Thaw Cycles.