products@integratedbiotherapeutics.com

Anti-MARV GP Macaque-derived chimeric mAb (N-125)

Catalog #: 0203-028

Description:
Protein A purified, chimeric monoclonal antibody reactive to glycoproteins of Marburg virus Angola (AMARV) and Musoke (MMARV) strains.

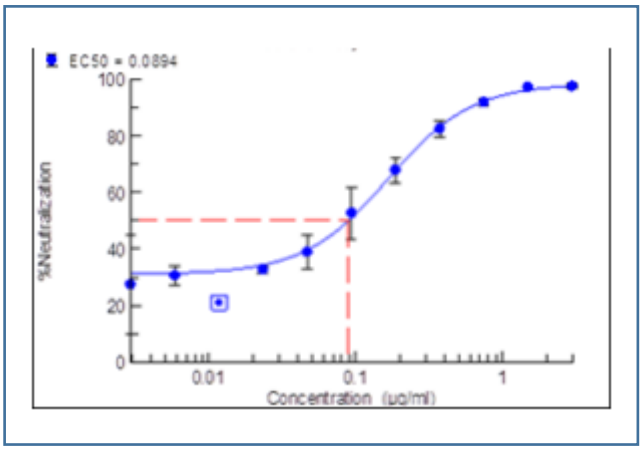
Immunogen/ Target:
Filovirus recombinant glycoproteins and virus-like particles.

Formulation & Storage: Supplied in citrate-containing buffer (pH 5.5). **Store at** -80°C long term. Recommended to dispense into single-use aliquots.

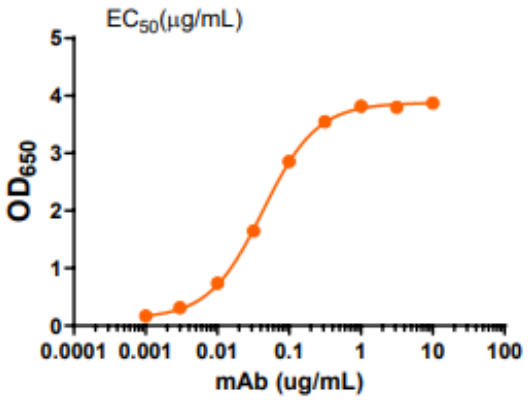
Notes & Usage Guidelines:
Clonality/Isotype: Monoclonal; N/A
Host: Macaque
ELISA: Assay-dependent dilution
WB: N/A

Applications

Neutralization Data:
Antibody starting at 3 µg/mL, followed by semi-log dilutions was incubated with vesicular stomatitis viruses (VSV) pseudotyped with AMARV glycoprotein and expressing luciferase, for one hour prior to infectivity on Vero cell monolayers. Infectivity was determined 24 hours post infection by quantification of luciferase signal. Percent neutralization was calculated based on the controls.



ELISA Data:
Ni-NTA plate was coated with recombinant AMARV glycoprotein at 400 ng/well. Washed plates were incubated with antibody starting at 10 µg/mL, followed by semi-log dilutions. Detection was achieved using anti-human IgG (H+L)-HRP conjugate and TMB substrate. OD650 is reported below.



Certificate of analysis:
A hardcopy of datasheet is sent along with the products. Please refer to it for detailed information. For older lots, refer to the applicable certificate of analysis that may be requested at products@ibtbioservices.com.

Related Products:
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