

Anti-MARV GP Chimeric mAb (N-222)

Catalog #: 0203-031

Lot #: 2310032

Description:

Protein A purified, macaque:human chimeric monoclonal antibody reactive to glycoproteins of Marburg virus Angola (AMARV) strains. The chimeric is composed of a macaque variable region and human IgG1 Fc.

Immunogen/ Target:

Filovirus recombinant glycoproteins and virus-like particles.

Storage: Store at -80°C long term. Recommended to dispense into single-use aliquots to avoid repeated freeze/thaw cycles.

Notes & Usage Guidelines:

Clonality/Isotype: Monoclonal; Human IgG1

Host: Human

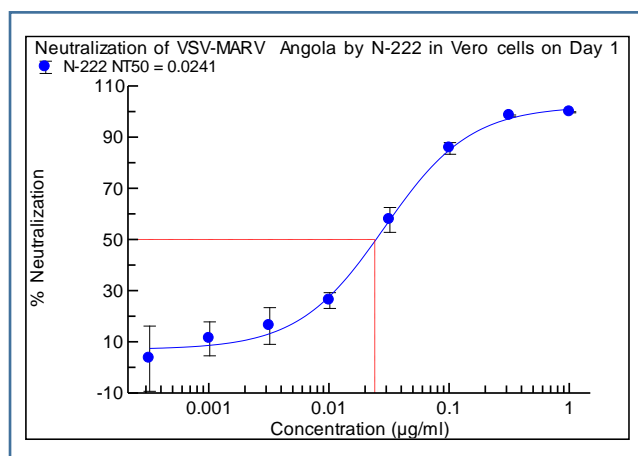
ELISA: Assay-dependent dilution

WB: Not Recommended

Applications

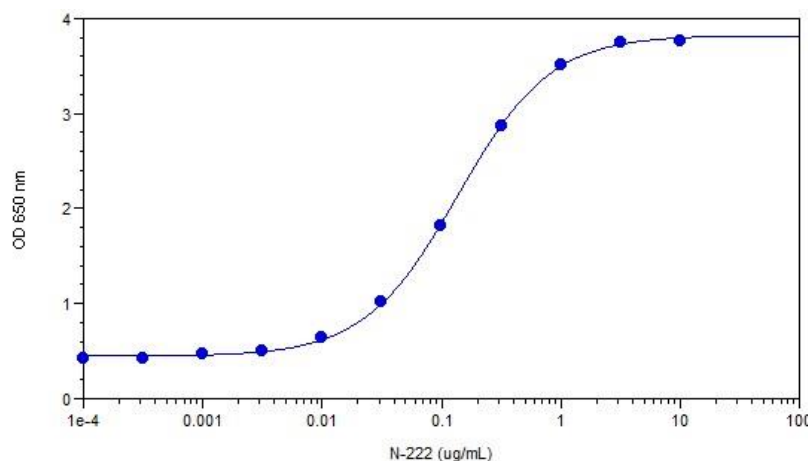
Neutralization Data:

N-222, starting at 1 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 addition to 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 150 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 Testing for:

Lot#: **2310032**

Volume: 100 µg

Concentration: 1.498 mg/mL

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