

Antibody Datasheet

Name: Mouse Anti SFTSV Nucleoprotein Antibody (DC12)

Product Code: MAB12415-100 / MAB12415-500

Clone Number: DC12.2.G10.A10.D5

Isotype: IgG1 Kappa

Batch #:

Amount: 100µg / 500µg

Concentration: 1.0 mg/ml

Presentation: Liquid

Buffer: Phosphate Buffered Saline, pH 7.4, Filter Sterile

Immunogen: Severe Fever with Thrombocytopenia Syndrome Virus (SFTSV) Nucleoprotein, aa2-245
([REC31654](#))

Purification: Protein G

Specificity: Severe Fever with Thrombocytopenia Syndrome Virus (SFTSV) Nucleoprotein

Usage Guidelines

Short Term Storage: 1-2 weeks at +4°C

Long Term Storage: -20 or -80°C

General: Avoid repeat freeze/thaw cycles.

Products are for Research Use or for Further Manufacturing Use only. Not for Diagnostic or Therapeutic Use.

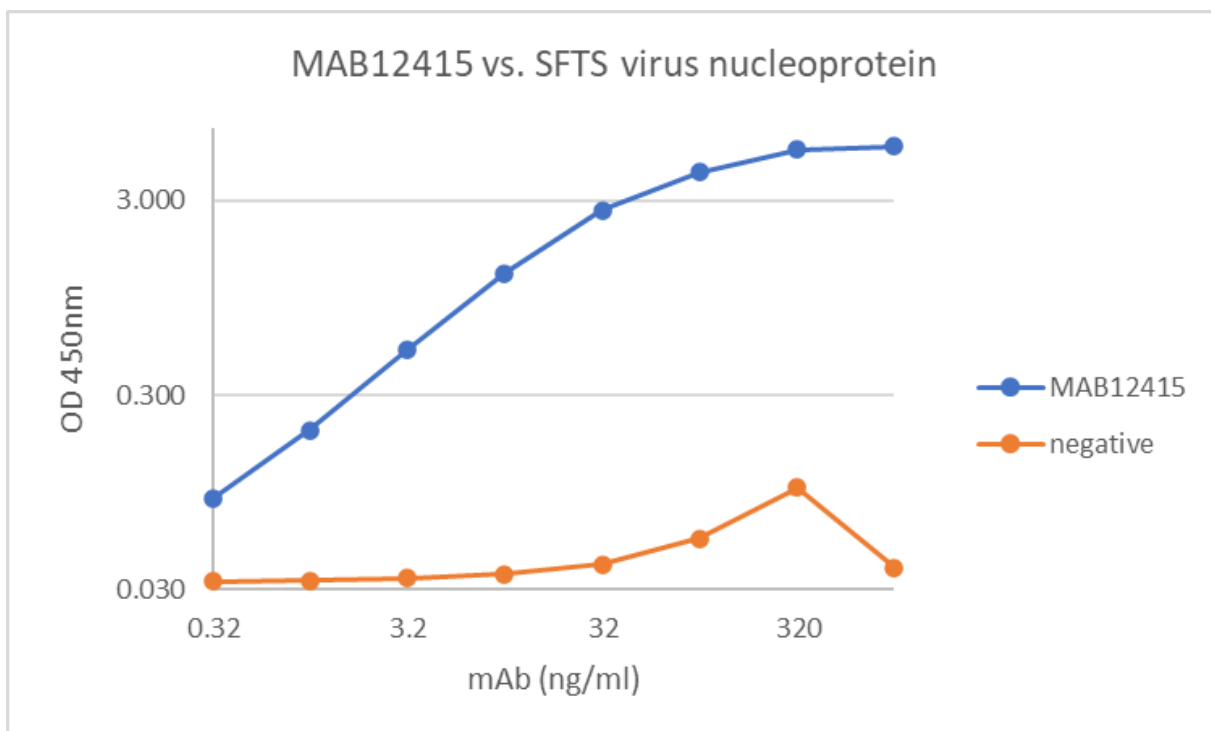
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ELISA: Antibody titration against SFTS virus nucleoprotein.



Antigen coated onto microtitre plate (1µg/ml) overnight in DPBS 2-8°C. Plate washed 2 X 300µl DPBS+1% BSA (Sigma A7906) with second wash left in plate 2 hours at room temperature. Plate washed 1 X 300ul PBS + 0.1% Tween 20. Dilutions of antibody added at 100µl/well in DPBS + 1% BSA + 0.1% Tween 20, incubated shaken 3 hours at 23°C. Plate washed 3 X 300µl PBS + 0.1% Tween 20 Anti-mouse Ig-HRP (Southern Biotech 1010-05) diluted 1:10,000 in DPBS + 1% BSA + 0.1% Tween 20. Added 100µl/well, incubated shaken 1 hour at 23°C. Plate washed 6 X 300µl PBS + 0.1% Tween 20 TMB (Europa MO701A) added at 100µl, incubated static 15 min 23°C. Reaction stopped 100µl 1M HCL (200µl for wells >4.0 OD units). Plate read at 450nm and 405nm. OD values in excess of 4.0 units estimated from the OD405nm reading.