

## Antibody Datasheet

**Name:** Mouse Anti Rift Valley Fever Virus Nucleoprotein Antibody (IA4)

**Product Code:** MAB12420-100 / MAB12420-500

**Clone Number:** IA4.1.D5.B8

**Isotype:** IgG1 Kappa

**Batch #:**

**Amount:** 100µg / 500µg

**Concentration:** 1.0 mg/ml

**Presentation:** Liquid

**Buffer:** Phosphate Buffered Saline, pH 7.4, Filter Sterile

**Immunogen:** Rift Valley Fever Virus Nucleoprotein ([REC31640](#))

**Purification:** Protein G

**Specificity:** Rift Valley Fever Virus Nucleoprotein

### Usage Guidelines

**Short Term Storage:** 1-2 weeks at +4°C

**Long Term Storage:** -20 to -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.**

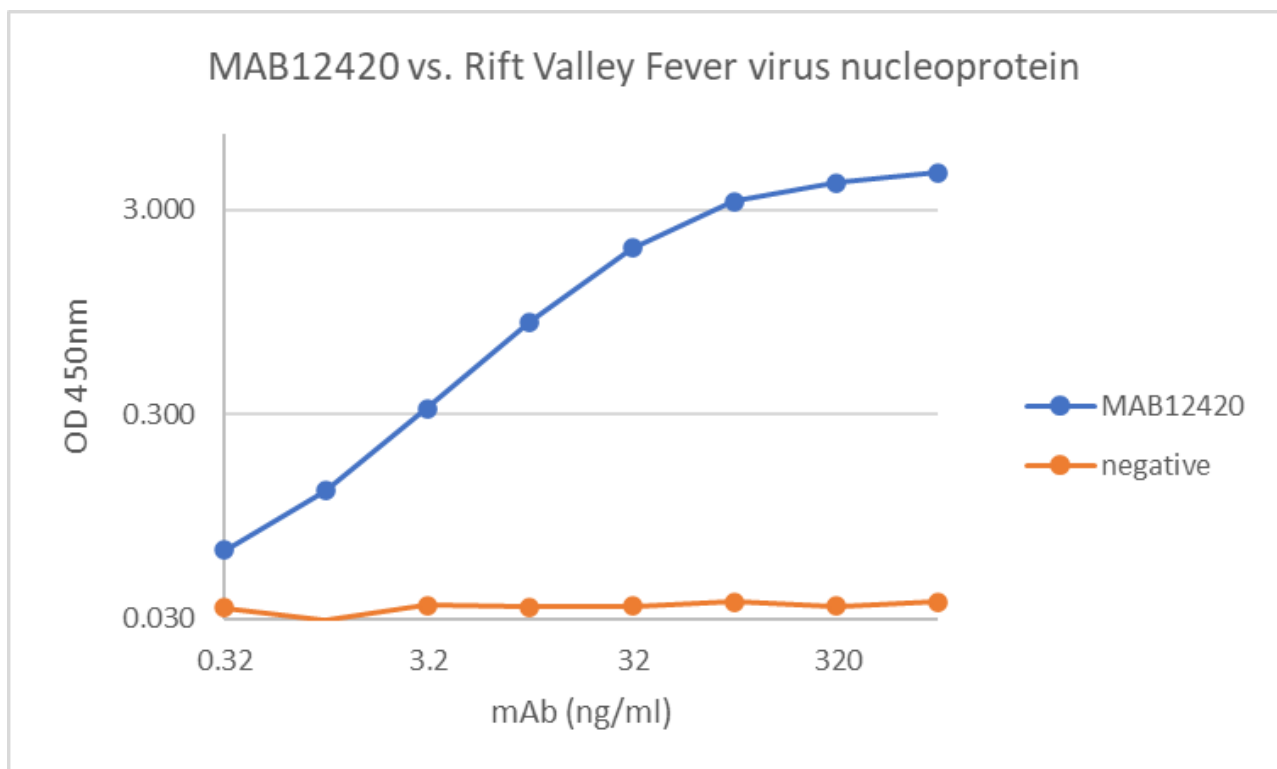
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**ELISA:** Antibody titration against Rift Valley Fever virus nucleoprotein.



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.