

Rabbit anti-CCHFV Gc pAb

Catalog #: 04-0012

Lot #: 1207005

Description:

Affinity purified rabbit polyclonal antibody reactive to CCHFV Gc protein.

Immunogen/ Target:

Peptide sequences specific to Crimean-Congo hemorrhagic fever virus (CCHFV) Gc.

Formulation & Storage: Supplied in PBS. Store at +4°C for 2-3 weeks, -20°C for long term. Avoid multiple freeze thaws.

Notes & Usage Guidelines:

Clonality/Isotype: Polyclonal; NA

Host: Rabbit

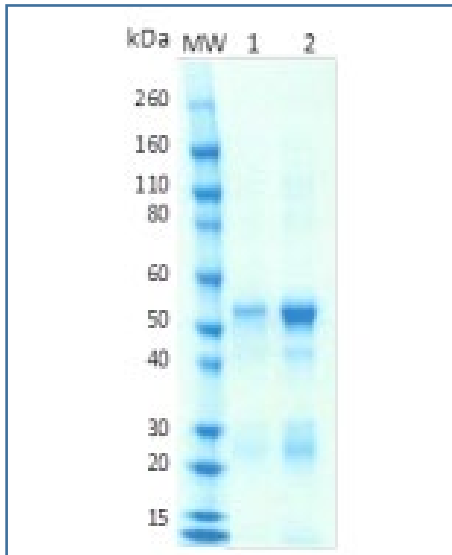
ELISA: Assay-dependent dilution

WB: N/A

Applications

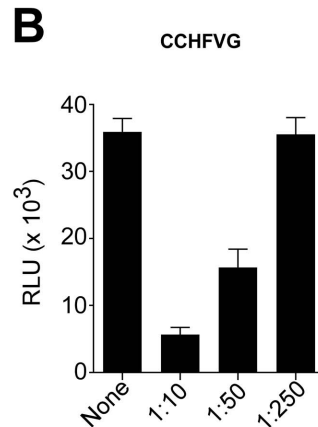
SDS Page Data:

SDS-PAGE and stain demonstrating 1 µg, and 5 µg (lanes 1 and 2, respectively) of affinity purified rabbit polyclonal antibody reactive to CCHFV Gc protein under reducing conditions.



Neutralization Data:

Anti-CCHFV Gc Antibody at 1:10, 1:50 and 1:250 dilutions were incubated with the VSV pseudo typed with CCHFV glycoprotein (VSV-CCHFVG) containing luciferase gene, for thirty minutes prior to transferring to SW13 cells. Infectivity was determined 24 hours later by assessing luciferase activity.



ELISA Data:

Peptide immunogens were coated to plates at a concentration of 4 µg/mL, 100 µL/well in PBS. Affinity purified rabbit polyclonal antibody reactive to CCHFV Gc was serially diluted two-fold starting at 1:1,000 dilution. Washed plates were detected with a goat anti-rabbit IgG HRP conjugate and TMB substrate. OD450 is reported below.

Capture ELISA Data:

Dilution	OD450		
	Peptide 1	Peptide 2	
NC	1:1,000	0.062	0.066
1	1:1,000	2.369	2.505
2	1:2,000	2.278	2.402
3	1:4,000	2.159	2.279
4	1:8,000	2.064	2.122
5	1:16,000	1.838	1.800
6	1:32,000	1.553	1.444
7	1:64,000	1.217	1.059
8	1:128,000	0.827	0.732
9	1:256,000	0.556	0.469
10	1:512,000	0.348	0.350
11	Blank	0.056	0.090
12	Blank	0.056	0.090
Titer	1:512,000	1:512,000	

Starting dilution: 1:1,000 (Equivalent to 1 µg/ml)
 The titer is the highest dilution with S/B (Sample/Blank) >=2.1
 NC is negative control (Pre-immune serum)

Certificate of Testing for:

Lot#: **1207005**

Volume: 100 µg

Concentration: 0.95 mg/mL

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