

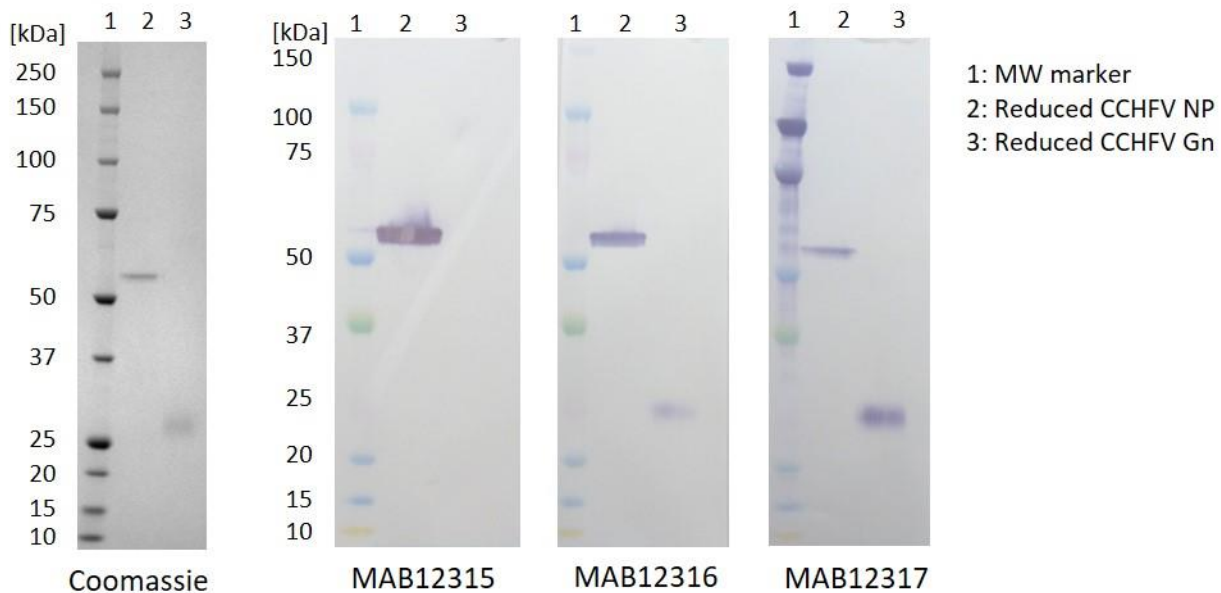
Antibody Datasheet

Product Name:	Mouse Anti Crimean Congo Hemorrhagic Fever Virus Gn Protein (BH4)
Clone number:	BH4-G7-B11-H7
Isotype:	Mouse IgG
Product code:	MAB12316-100 MAB12316-500
Batch Number:	M-NAC-9E
Immunogen:	An equal mix of CHHFV Gn protein and Nucleoprotein, produced in HEK293 cells and available from the Native Antigen Company here .
Amount:	100µg 500µg
Concentration:	1.0 mg/ml
Buffer:	Phosphate Buffered Saline pH7.4
Preservative:	None present. 0.2µm filtered.
Fusion partners:	Spleen cells from immunised Balb/c mice were fused with cells from the SP2/0-Ag14 myeloma cell line.
Purification:	Antibody was purified from hybridoma cell culture supernatant by affinity chromatography on Protein G.
Specificity:	This antibody recognises CHHFV Gn protein. It shows no cross-reactivity with CCHFV Nucleoprotein in ELISA (see data below).

Applications: WB, ELISA

Storage: Store at +4°C for up to one week, or at -20°C for longer periods
For long term storage at +4°C the addition of 0.09% w/v sodium azide is recommended.
The antibody is shipped at ambient temperature.
Avoid repeated freeze/thaw cycles.

Western Blot



ELISA

Assay procedure:

- Coated plates with 1µg/ml of antigens in 0.1M carbonate buffer overnight at RT, 100µl/well.
- Blocked the plate using 1%BSA/PBS, incubate for 2 hours at RT, 300µl/well.
- Washed the plate 3 times with 1X Tris wash buffer.
- Added 100µl of prepared antibody dilutions ranging from 1000ng – 1ng; 0ng included, in the antigen coated wells. Buffer used – 1%BSA/PBS/0.05%T20/0.09% ProClin 950. Incubated for 1 hour at RT on a shaker at 800rpm.
- Washed plate 3 times using Tris wash buffer.
- Added 100µl of Goat anti mouse IgG HRP per used well. Incubated the plate for an hour at RT on a shaker at 800rpm.
- Washed plate 4 times using 1X Tris wash buffer.
- Added 100µl of HKTMB per well and incubated for 1 minute at RT.
- Added 100µl /well of 1M HCl and read the plate at 450nm.

