

## Anti-CCHFV NP protein [cAb4729 ] Bulk Size Ab03856-23.0-BT

**Isotype and Format:** Rabbit IgG, Lambda

**Clone Number:** cAb4729

**Alternative Name(s) of Target:** CCHFV N proten; CCHFV nucleoprotein; Nucleocapsid protein; Protein N; Crimean Congo Haemorrhagic fever virus; cAb4729-10.0

**UniProt Accession Number of Target Protein:** P89522

**Published Application(s):** ELISA

**Published Species Reactivity:** CCHFV

**Immunogen:** The antibody 3G5 was generated by immunizing BALB/c mice with recombinant CCHFV protein. The CDRs of the parental mouse antibody 3G5 were grafted onto human framework regions to generate this humanized antibody.

**Specificity:** This antibody binds CCHFV. Crimean-Congo Haemorrhagic Fever virus (CCHFV) is a tick-borne pathogen belonging to the genus Orthonairovirus of the family Nairoviridae within the order Bunyavirales that is responsible for the disease Crimean-Congo haemorrhagic fever (CCHF). CCHF is a zoonotic disease typically spread by tick bites or close contact with the blood, secretions, organs or other bodily fluids of infected persons or animals. The CCHF virus causes severe viral haemorrhagic fever outbreaks, with a case fatality rate of 10-40%.

**Application Notes:** The antibody was capable of detecting the recombinant CCHFV nucleoprotein in an ELISA (PMID: 36496007).

**Antibody First Published in:** Dowall et al. Development of humanised antibodies for Crimean-Congo Haemorrhagic fever virus: Comparison of hybridoma-based versus phage library techniques. J Immunol Methods. 2023 Jan;512:113405. [PMID:36496007](#)

**Note on publication:** Describes the generation of

## Product Form

**Size:** 1 mg Purified antibody in bulk size.

**Purification:** Protein A affinity purified

**Supplied In:** PBS only.

**Storage Recommendation:** Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer

storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.