DISCOVERY®
ANTIBODIES

Data Sheet

Anti-Cache Valley Virus (CVV) Nucleocapsid antibody

Product Description	Anti-Cache Valley Virus (CVV) Nucleocapsid antibody corresponding to a region within the CVV nucleocapsid protein sequence
Cross reactivity	Cache Valley Virus, Batai virus
Antigen	KLH conjugated synthetic peptide crb1200003
Catalogue Number	crb2005018f
Batch Number	CRB106
Host Species	Rabbit Polyclonal IgG
Formulation & Storage	Supplied in PBS containing 0.01% sodium azide and 1% trehalose. The product should be stored at -20°C
Quantity	100µg at 1mg/ml
Method of Preparation	Crude antiserum was purified by affinity chromatography using peptide specific antigen
Recommended Concentration	1:1000 (WB), 1:1000 (ELISA)
Validation	Please see overleaf
References	Armstrong *et al*. (2015). *Am J Trop Med Hyg*. **93**(1):11-7 Tauro *et al*. (2009). *Trans R Soc Trop Med Hyg*. **103**(2):197-9.
Research Use	For research use only, not for use in diagnostic procedures

Certified by Natasha Lethbridge

Date: 03 Mar 2017

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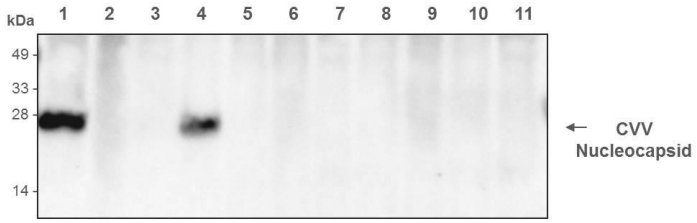
Validation



Anti-Cache Valley Virus (CVV) Nucleocapsid Antibody (crb2005018f) (1µg/ml)
Molecular weight: ~26.6kDa

Western blot analysis of BHK-21 cells infected with a variety of orthobunyaviruses. The Anti-CVV Nucleocapsid antibody recognises nucleocapsid proteins in some members of the Bunyamwera serogroup.

Lane 1: Cache valley virus (Bunyamwera)
Lane 2: Kairi virus (Bunyamwera)
Lane 3: Bunyamwera virus (Bunyamwera)
Lane 4: Batai virus (Bunyamwera)
Lane 5: M'poko virus (Turlock)
Lane 6: Tacaiuma virus (Anopheles A)
Lane 7: Bwamba virus (Bwamba)
Lane 8: Guama virus (Guama)
Lane 9: Eretmapodites virus (Nyando)
Lane 10: Akabane virus (Simbu)
Lane 11: Schmallenberg virus (Simbu)

Secondary: Goat anti-rabbit IgG conjugated to HRP dilution 1:2000

Western blot image provided courtesy of Dr Alain Kohl's Laboratory, MRC, University of Glasgow.

Material Safety Data

THIS PRODUCT IS FOR RESEARCH USE ONLY AND IS NOT INTENDED FOR DIAGNOSTIC, THERAPEUTIC OR HUMAN USE

It is recommended that this material be handled by persons trained in laboratory techniques. Standard Laboratory Practices should be followed when handling this material.

The toxicological properties of this material have not been thoroughly investigated. Appropriate measures should be taken to avoid skin and eye contact, inhalation and ingestion. In case of contact with skin or eyes, wash immediately with water. In case of ingestion or inhalation, medical advice should be sought.

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