

Anti-HeV G protein Neutralizing Antibody (V3S-1022-YC3709)

Cat. No.: V3S-1022-YC3709

Summary

Description	This product is a recombinant Mouse antibody provided by CreativeBiolabs. The antibody is specific for Hendra virus Glycoprotein G. It can be used for HeV G protein detection in Neutralization (Neut). It was expressed in mammalian cells (293F or CHO) with antibody encoding genes and purified by affinity chromatography. Each lot of this antibody is quality control tested by SDS-PAGE and SEC-HPLC analysis. For highly sensitive assays, we recommend the ultra purified form of the product, which has a lower endotoxin limit than standard antibody, less than 1 EU/mg or even 0.1 EU/mg.
Clonality	Monoclonal
Host Species	Mouse
Target Species	Hendra virus (HeV)
Epitope	Located in the sequence: QKTTS.
Isotype	IgG1
Isotype Control	C60052; C51237
Secondary Antibody	C37557; C41360; C32672; C10001

Property

Expression Species	HEK293F or CHO Cell line
Conjugation	Unconjugated, also available for Biotin, HRP, FITC and PE-labeled form.
Purity	>95%, determined by SDS-PAGE and SEC-HPLC
Endotoxin	<1 EU/mg, determined by LAL method
Purification	Purified with Protein A or G affinity chromatography
Sterility	0.2 µM filtered
Formulation	PBS, pH 7.4
Preservation	No preservatives
Stabilizer	No stabilizers
Storage	Store at 4°C within one or two weeks. Store at -20°C for long term. Avoid repeated freeze/thaw cycles. Refer to the COA file for specifics.

For lab research use only, not for diagnostic, therapeutic or any *in vivo* human use.

Applications

Application

Neut

Target

Target

HeV G protein

Alternative Name

G; Glycoprotein G; Hendra virus G; Hendra virus

Gene ID

[1446471](#)

UniProt

[O89343](#)

Introduction

Henipaviruses, Hendra virus (HeV) and Nipah virus (NiV), are recently emerged, highly pathogenic paramyxovirus zoonoses whose major reservoirs in nature are several species of pteropid fruit bats. Hendra virus (originally called "Equine morbillivirus") was discovered in September 1994 when it caused the deaths of thirteen horses, and a trainer at a training complex in Hendra, a suburb of Brisbane in Queensland, Australia.

Research Area

Microbiology

For lab research use only, not for diagnostic, therapeutic or any *in vivo* human use.

SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA

Tel: 1-631-381-2994 Fax: 1-631-207-8356

Email: info@creative-biolabs.com

Page 2 / 2

© Creative Biolabs All Rights Reserved