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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Hantaan virus GP [3G1] Bulk Size Ab03671-1.1-BT

Isotype and Format: Mouse IgG1, Kappa

Clone Number: 3G1

Alternative Name(s) of Target: HTNV; HTNV GP; HTNV envelop glycoprotein; Hantavirus; Envelopment polyprotein; scFv3G1; MAb3G1

UniProt Accession Number of Target Protein: P08668

Published Application(s): WB, ELISA, FC, IF

Published Species Reactivity: Hantaan virus (HTNV)

Immunogen:

Specificity: This antibody binds the envelop glycoprotein (GP) of the Hantaan virus (HTNV). Hantaan virus (HTNV) is the type of Hantavirus which are rodent-borne RNA viruses that belong to the Bunyaviridae family and can cause Hemorrhagic Fever with Renal Syndrome (HFRS), more commonly found in the Old World, and Hantavirus Pulmonary Syndrome (HPS), present mostly in the American continent. HPS is transmitted to humans by inhalation of virus-contaminated aerosols from rodent excreta.

Application Notes: This antibody can bind Hantaan virus (HNTV) GP in an ELISA. The binding of this antibody HTNV GP expressed on the cell membrane was determined using flow cytometry. This antibody can also recognize HNTV GP in a western blot. It was also reported that this antibody can be internalized into the cytoplasm of HTNV infected Vero E6 cells. This internalization was studied with the use of immunofluorescence staining (PMID: 20012277).

Antibody First Published in: Yang et al. Production and characterization of a recombinant single-chain antibody against Hantaan virus envelop glycoprotein. Appl Microbiol Biotechnol. 2010 Apr;86(4):1067-75. [PMID:20012277](#)

Note on publication: Describes the generation and characterization of a recombinant scFv version of this antibody.

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.