



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Anti-Hantaan virus GP [3G1] Standard Size Ab03671-10.0

**Isotype and Format:** Human 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:** 100 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. 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.