



# 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

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Anti-Vaccinia virus [G] Bulk Size Ab02810-10.159-BT

This chimeric human antibody was made using the variable domain sequences of the original VHH format for improved compatibility with existing reagents assays and techniques.

**Isotype and Format:** Human IgG1-Fc fusion

**Clone Number:** G

**Alternative Name(s) of Target:** Smallpox virus

**UniProt Accession Number of Target Protein:**

**Published Application(s):** ELISA

**Published Species Reactivity:** Vaccinia virus (strain Western Reserve)

**Immunogen:** The original antibody was isolated from a non-immune semisynthetic llama library constructed from blood samples (6 ml) collected from the left jugular vein of three research naïve mature llamas.

**Specificity:** This antibody is capable of detecting live vaccinia virus in a sample.

**Application Notes:** The binding specificity of this antibody towards vaccinia virus was checked using ELISA. It was reported that the original VHH antibody G retained ~40% of its activity after heating for 40min decreasing to around 3% of original activity after 80min (PMID:17165813).

**Antibody First Published in:** Goldman et al. Facile Generation of Heat Stable Antiviral and Antitoxin Single Domain Antibodies from a Semi-synthetic Llama Library. Anal Chem. 2006 Dec 15; 78(24): 8245-8255. [PMID:17165813](#)

**Note on publication:** A semisynthetic llama library was constructed from non-immune llamas and binders specific for live vaccinia virus (a smallpox virus surrogate), hen egg lysozyme, cholera toxin, ricin, and staphylococcal enterotoxin B were selected.

## Product Form

**Size:** 500 µg 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.