



# 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

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## Anti-complete inactivated virus [Nb93] Bulk Size Ab03023-10.159-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:** Nb93

**Alternative Name(s) of Target:** H5N1 virus

**UniProt Accession Number of Target Protein:**

**Published Application(s):** ELISA

**Published Species Reactivity:** Influenza A (H5N1)

**Immunogen:** The original antibody was generated by immunizing Bactrian camel (*Camelus bactrianus*) with inactivated influenza H5N1 virus, followed by antibody library construction and phage display-based selection.

**Specificity:** This antibody specifically binds the H5N1 virus. It does not bind to the other subtypes of influenza A viruses.

**Application Notes:** The specificity of this antibody (VHH) was confirmed in ELISA analysis. The antibody was used as a detecting antibody in sandwich ELISA, where it was used in a matched pair in conjunction with Nb7; the detection limit of this method for H5N1 virus was 14.1 ng/mL. Sandwich ELISA was employed for H5N1 detection in serum samples (Zhu et al, 2014; pmid:25526777).

**Antibody First Published in:** Zhu et al. Streptavidin-biotin-based directional double Nanobody sandwich ELISA for clinical rapid and sensitive detection of influenza H5N1 *J Transl Med.* 2014 Dec 20;12:352.

[PMID:25526777](#)

**Note on publication:** The paper describes the generation and characterization of the antibody.

### 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.