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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-complete inactivated virus [Nb7] Bulk Size Ab03022-1.159-BT

This chimeric mouse 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: Mouse IgG1-Fc fusion

Clone Number: Nb7

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 capture antibody in sandwich ELISA, where it was used in a matched pair in conjunction with Nb93; 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.