

Anti-NS5B protein of BVD virus [Nb1] Bulk Size Ab02992-23.159-BT

This chimeric rabbit 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: Rabbit IgG-Fc fusion

Clone Number: Nb1

Alternative Name(s) of Target: BVDV; genome polyprotein; RNA-directed RNA polymerase; BVD virus non-structural protein NS5B

UniProt Accession Number of Target Protein: P19711

Published Application(s): ELISA

Published Species Reactivity: Bovine viral diarrhea virus

Immunogen: The original antibody was generated by immunizing an Alxa bactrian camel with NS5B recombinant protein of Bovine viral disease virus.

Specificity: This antibody recognizes and binds the BVD virus non-structural protein NS5B. Bovine viral diarrhea is an economically significant viral disease of the cattle which is reported to cause production losses.

Application Notes: This antibody can successfully detect the BVD virus non-structural protein NS5B in an ELISA. This nanobody inhibited the progeny virus and functions to inhibit the proliferation of BVD virus (CN106380516).

Antibody First Published in: Shuqi et al. Nanobody specific for binding BVD virus non-structural protein NS5B and application thereof (CN106380516). [PMID:](#)

Note on publication:

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.