

Anti-infectious bursal disease virus VP2 [CRAb 88] Standard Size Ab00964-23.0

This full-length, chimeric rabbit antibody was made using the variable domain sequences of the original Chicken scFv format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, Lambda

Clone Number: CRAb 88

Alternative Name(s) of Target: IBDV; chicken recombinant antibody 88; CRAb-88

UniProt Accession Number of Target Protein:

Published Application(s): IP, ELISA

Published Species Reactivity: very virulent infectious bursal disease virus (CS89)

Immunogen: This antibody was raised by immunising specific-pathogen-free chickens with very virulent infectious bursal disease virus (vvIBDV) strain CS89. Lymphocyte cDNA derived from these chickens was used to construct an scFv antibody expression library, which was screened by panning against captured CS89 virus, the immunising antigen.

Specificity: This antibody is specific for very virulent IBDV (vvIBDV). It exclusively recognises vvIBDV strains, and does not cross-react with classical, variant or vaccine strains. It is able to bind vvIBDV strains from a wide variety of countries of origin. This antibody recognises a conformational epitope within the hypervariable region of the IBDV VP2 protein.

Application Notes: The specificity of this scFv for very virulent infectious bursal disease virus has been confirmed in ELISA and immunoprecipitation analysis (Sapats et al, 2006). This antibody could be used diagnostically in the differential identification of vvIBDV strains.

Antibody First Published in: Sapats et al. Chicken recombinant antibodies specific for very virulent infectious bursal disease virus Arch Virol. 2006 Aug;151(8):1551-66. [PMID:16514499](#)

Note on publication: Describes the original generation of this scFv from a phage display library, and its characterisation in ELISA and IP analysis.

Product Form

Size: 200 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.