

Anti-BNYVV P25 [scFvP25] Bulk Size Ab01192-23.0-BT

This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, Kappa

Clone Number: scFvP25

Alternative Name(s) of Target: P25; 25kDa Protein; Protein P25; 25 kDa non-structural protein; BNYVV 25kDa protein

UniProt Accession Number of Target Protein: Q65669

Published Application(s): dotblot, ELISA

Published Species Reactivity: BNYVV

Immunogen: This antibody was raised by injecting purified P25 into mice.

Specificity: Specifically binds to beet necrotic yellow vein virus 25K protein but has some reactivity to sap from plants not infected with BNYVV.

Application Notes: This antibody is specific for the BNYVV 25kDa protein. Its binding specificity has been confirmed in dot blots and western blots (Fecker et al, 1996)

Antibody First Published in: Fecker et al Expression of single-chain antibody fragments (scFv) specific for beet necrotic yellow vein virus coat protein or 25 kDa protein in Escherichia coli and Nicotiana benthamiana Plant Molecular Biology 32: 979-986, 1996. [PMID:8980548](#)

Note on publication: Discusses the scFv fragment to test the efficacy of PelB and PHA tags in higher plants on scFv fragments.

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.