# Anti-PRSV coat protein [9G2D3] Bulk Size Ab01000-2.3-BT

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

**Isotype and Format:** Mouse IgG2a, Fc Silent™, Kappa
**Clone Number:** 9G2D3
**Alternative Name(s) of Target:** PRSV coat protein; Papaya ringspot virus coat protein
**UniProt Accession Number of Target Protein:** A0A0U3JRQ1
**Published Application(s):** ELISA
**Published Species Reactivity:** Papaya ringspot virus
**Immunogen:** BALB/c mice were immunised by injection of purified PRSV, later followed by injection of pure PRSV coat protein. Splenocytes were obtained from immunised mice and fused with the NS-1 murine myeloma cell line to generate a hybridoma.
**Specificity:** 9G2D3 was shown to react with PRSV using ELISAs (Wang et al, 2004).
**Application Notes:** 9G2D3 reacted with both PRSV particles and purified PRSV coat protein using plate-trapped antigen (PTA) and double antibody sandwich (DAS) ELISA methods (Wang et al, 2004).
**Antibody First Published in:** Wang et al. Molecular Cloning and Sequencing of Heavy and Light Chain cDNAs from Papaya ringspot and Cymbidium mosaic viruses-Specific Monoclonal Antibodies Plant Pathology Bulletin 13: 7;16, 2004. PMID:
**Note on publication:** Describes the generation, cloning and sequencing of anti-PRSV and anti-CymMV mAbs.

## Product Form

**Size:** 1 mg Purified antibody in bulk size.
**Purification:** Protein A affinity purified
**Supplied In:** PBS only.
**Storage Recommendation:** Store at 4$^{o}$C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommed this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20$^{o}$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.

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