

Anti-dsRNA [1D3] Standard Size Ab00460-23.0

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

Isotype and Format: Rabbit IgG, Kappa

Clone Number: 1D3

Alternative Name(s) of Target: double-stranded RNA; double-stranded ribonucleic acid

UniProt Accession Number of Target Protein:

Published Application(s): WB, ELISA, IHC

Published Species Reactivity: Virus

Immunogen: RDV-RNA-methylated bovine serum albumin complex.

Specificity:

Application Notes: The antibody binds specifically to ds-RNA, which is part of the genetic material of some viruses, such as rotaviruses and the bluetongue virus. The antibody can be used as a diagnostic tool, to determine the nature of an unknown pathogen, and could potentially be used in gene therapy.

Antibody First Published in: Kitagawa et al. Immunogenicity of rice dwarf virus-ribonucleic acid. Tohoku J. Exp. Med. 122 (4), 337-343 (1977) [PMID:918970](#)

Note on publication: Describes the production and characterisation of antibodies against double-stranded RNA found in the rice dwarf virus (RDV). the antibodies are produced in rabbits immunized with anti-RDV-RNA-methylated bovine serum albumin complexes.

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.